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ESTABLISHED
1875

ONE OF
AMERICA'S FOREMOST
NURSERIES

**SPRING
WHOLESALE
TRADE LIST**

January 8, 1942

WE SUGGEST
EARLY RESERVATIONS

Phones 384-385
Wire Western Union

**51st YEAR
OF
ACTIVE SERVICE**

by Ed Welch
PRESIDENT

MOUNT ARBOR NURSERIES

SHENANDOAH, IOWA

Terms and Conditions of Sale

TERMS—2% Discount if paid by the first of the second month following date of invoice, and is due Net thereafter. Additional 1% Discount if paid within 10 days from date of invoice.

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

**FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS
(INCLUDING PEONIES AND LILIES):**

300 or more at 1,000 rate (where published)
30 to 300 at 100 rate
Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rates
Under 300 of same variety and grade at 100 rate

EVERGREENS, B & B:

30 trees (any assortment) at 100 rate
5 trees (any assortment) at 10 rate

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate
Under 300 bulbs at 100 rates

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

TRUCK SERVICE—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

Claims for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

JANUARY 8, 1942

MOUNT ARBOR NURSERIES

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy.-Treas.

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that **THE CALIPER SHALL GOVERN.**

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

		APPLE and CRAB		
		Per 10	Per 100	Per 1000
First Class, 11-16 to 1-inch, 4½ feet and up		\$3.20	\$28.00	\$250.00
" " 9-16 to 11-16, 4 feet and up		2.50	22.00	200.00
" " 7-16 to 9-16, 3 feet and up		2.00	17.00	150.00
" " 5-16 to 7-16, 2 feet and up		1.50	13.00	110.00
" " 1-inch and up, 5 feet and up		4.00	35.00	-----

§*Anoka	*Ingram	Red Canada
Bailey Sweet	Janet	*Red June
*Baldwin	*Joan	§Red Siberian Crab
Banana	*Jonathan	*R. I. Greening
§Bayfield	*Jonathan Dark Red	Romanstem
§Beacon (Minn. No. 423)	*Kendall	Rome Beauty
Beauty Crab	King David	*Rome Beauty Red
Ben Davis	King of T. Co.	Rox Russet
Brand's Red Winter	Liveland	St. Lawrence
Chenango	§*Lobo	Salome
§*Cortland	*Macoun	*Secor
*Delicious	*Maiden Blush	§*Sharon
*Delicious Dark Red	Malinda	Stayman Red
*Delicious Yellow	Mam. Black Twig	*Stayman Winesap
§*Dolgo	§*McIntosh	Sweet Bough
*Duchess	§*McIntosh, Black Mickey	§Sweet Russet Crab
*Duchess Red	McIntosh Early	§Tetofski
*Early Harvest	§*Melba	*Tolman Sweet
§Early Red Bird	Milton	Transcendent Crab
Edgewood	Minnesota No. 993	*Turley
*Fameuse	*Minnesota No. 700	Twenty Oz. Fippin
*Flame Crab (Minn. No. 635)	*Minnesota No. 240	Wagner
Florence Crab	*Minnesota No. 638	§*Wealthy
Gano	*Minnesota No. 790	*Wedge
§*Golden Russet	*Newfane	*Whitney Crab
Golden Sweet	Northern Spy	Willow Twig
Goldo	*Northern Spy Red	Windsor Chief
Gravenstein Red	§*N. W. Greening	*Winesap
*Grimes Golden	*Orleans	*Winesap Crimson
*Haralson	*Prairie Spy (Minn.No. 1007)	Wolf River
§Hawkeye Greening	Ramsdell Sweet	§*Yellow Transparent
§*Hyslop Crab	*Red Astrachan	*York Imperial

Varieties starred () can be furnished in budded trees.

Note—§Varieties (§) can be furnished in 1-inch trees.

DESCRIPTIONS—NEW AND SPECIAL VARIETIES

Beacon, (Minnesota No. 423), vigorous and extremely hardy Minnesota seedling. Fruit deep red; flesh yellowish and quality good. Duchess season but a better keeper.

Beauty Crab, pink flowers April, followed by an abundance of brilliant cherry-red fruit.

Dolgo, hardy fiery red Crab, desirable for culinary uses; bears young and abundantly. Good for ornamental purposes.

Flame Crab, (Minnesota No. 635), a hardy Minnesota seedling producing a dense mass of white flowers shaded faint pink, followed by an immense load of small, brilliantly colored fruits of excellent quality.

Goldo, a seedling of Grimes Golden combining the hardiness and season of Duchess with quality of Grimes Golden.

Joan, an Iowa cross of Anisim and Jonathan; a productive large red apple of beautiful color. Popular for home market.

Kendall, a cross between McIntosh and Zusoff. Fruit a solid dark red; McIntosh season and a better keeper.

Lobo, a Canadian introduction, preceding its parent, McIntosh, in season. A larger and darker red, hanging to the tree better than McIntosh.

Macoun, dark red, less striped, white fleshed, highly flavored McIntosh type of apple. Ripens 30 days later than McIntosh. Regular heavy bearer.

McIntosh, Black Mickey, superior dark red and early coloring strain from western New York. Highly recommended.

APPLE AND CRAB—(Continued)

- McIntosh Early**, ripens six weeks before McIntosh; two weeks later than Transparent. Handsome red color and pleasing taste.
- Melba**, a McIntosh seedling from Canada. Color bright crimson over pale yellow. Season ahead of Early McIntosh and variety is adapted for home market.
- Milton**, cross of Transparent and McIntosh ripening in Wealthy season. Tree hardy and vigorous. Fruit pinkish-red, flesh white with McIntosh flavor and aroma.
- Minnesota No. 993**, large mid-to-late winter apple, medium red color over a greenish yellow. Quality very good.
- Minnesota No. 700**, a fall and early winter apple of about Wealthy season but a slightly better keeper; size medium, comparable to Jonathan. Color dark attractive red; flesh yellowish; flavor mild sub-acid; quality good. Very hardy.
- Minnesota No. 240**, large high quality dessert Crab, keeping well into November. Color, light red blush or striped over yellow; flesh yellow.
- Minnesota No. 638**, fair size, mid-winter apple; dark red; flesh medium coarse; flavor mildly sub-acid; quality good. Late in maturing and hangs to tree well.
- Minnesota No. 790**, large mid-winter apple of M. B. Twig type. Its dull red color gives it a rich appearance. Quality good, excellent cooking and a very satisfactory dessert apple.
- Newfane**, resembles a red colored sport of Delicious. Ripens with Delicious but keeps much longer.
- Prairie Spy (Minnesota No. 1007)**, medium size, late winter apple shaped like Wealthy but late in maturing and not ready for use until about Christmas. Color bright red over a yellow ground. Excellent keeper and of great promise.
- Secor**, an Iowa introduction of about Jonathan season, of superior quality but not as red as Jonathan. Better keeper and hangs to tree well. Variety adapted to Jonathan territory.
- Sharon**, new Iowa introduction of good quality and extremely hardiness. Excellent for home plantings. Color is striped red and green. Good keeper and disease resistant. A McIntosh cross.
- Winesap Crimson**, a gorgeous colored dark crimson Winesap sport averaging larger in size than the parent, the common Winesap. Originated in the Yakima Valley, Washington. Keeps in an ordinary outdoor cave until the middle of June.

APPLE—Hardy Understocks

We offer the following hardy varieties of Apple and Crab, branched trees, suitable as understocks for top working purposes.

	Per 10	Per 100	Per 1000
First Class, 11-16 to 1-inch, 4½ feet and up	\$4.00	\$35.00	\$
“ “ 9-16 to 11-16, 4 feet and up	3 20	28.00	.....
“ “ 7-16 to 9-16, 3 feet and up	2.40	20.00	.....
Haas	Hibernal	Virginia	

APPLE—Whips, Grafts

These Northern grown, yearling trees have good caliper for the height and are well rooted.

	Per 10	Per 100	Per 1000
One Year, 4 feet and up, mostly whips	\$2.10	\$18.00	\$150.00
“ “ 3 feet and up, mostly whips	1.70	14.00	120.00
“ “ 2 feet and up, mostly whips	1.10	9.00	80.00
Banana	Grimes Golden	Wealthy	
Delicious Dark Red	Jonathan Dark Red	Winesap Crimson	
Delicious Yellow	Red June	Yellow Transparent	

APPLE—Top-Worked on Virginia Crab

The following varieties of Apple are top-worked on the side-limbs of Virginia Crab, ready for immediate orchard planting. Trees have from four to six top-worked limbs.

	Per 10	Per 100	Per 1000
Three Years, 11-16 inch and up, 5 feet and up	\$5.50	\$50.00	\$
Delicious Dark Red	Delicious Yellow		

QUINTUPLET APPLE (Shenandoah Grown)

We offer three combinations, 5 varieties on one tree, in one size only, graded 9/16" and up. These were dormant budded summer 1940 on the side limbs of 2 year trees and buds have one full year's growth. Have well developed heads.

Three Years, 9-16 inch and up, 5 feet and up	Per 10	Per 100	Per 1000
.....	\$8.00	\$75.00	\$

Each tree will carry one each of the following varieties:

COMBINATION NO. 1

On Yellow Transparent

Anoka
Cortland
Dolgo
Haralson
Wealthy

COMBINATION NO. 2

On Yellow Transparent

Delicious Dark Red
Delicious Yellow
Jonathan Dark Red
Wealthy
Winesap Crimson

COMBINATION NO. 3

On Whitney

Delicious Dark Red
Delicious Yellow
Jonathan Dark Red
Winesap Crimson

CHERRIES—Sour—On Mahaleb

One Year, 11-16 and up, 3½ feet and up	Per 10	Per 100	Per 1000
" " 9-16 to 11-16, 3 feet and up	\$4.00	\$35.00	\$320.00
" " 7-16 to 9-16, 2½ feet and up	3.20	28.00	250.00
" " 5-16 to 7-16, 2 feet and up	2.40	21.00	180.00
Early Richmond	2.10	18.00	150.00
English Morello			
Montmorency Large			
Royal Duke			
Wragg			

Two Years, 11-16 to 1-inch, 4 feet and up	Per 10	Per 100	Per 1000
" " 9-16 to 11-16, 3½ feet and up	\$4.40	\$38.00	\$350.00
" " 7-16 to 9-16, 3 feet and up	3.50	30.00	280.00
" " 1-inch, 5 feet and up	2.70	24.00	220.00
Early Richmond	4.70	42.00	.....
English Morello			
Montmorency Large			
Wragg			

CHERRIES—Sweet

One and Two Year on Mahaleb.	Per 10	Per 100	Per 1000
11-16 to 1-inch, 4½ feet and up, branched	\$5.00	\$45.00	\$
9-16 to 11-16, 4 feet and up, branched	4.00	36.00	.....
9-16 to 11-16, 4 feet and up, whips	3.70	32.00	.....
7-16 to 9-16, 3 feet and up, whips and branched	3.20	28.00	.....
5-16 to 7-16, 2½ feet and up, whips	2.50	22.00	.....
Bing			
Black Tartarian			
Gov. Wood			
Lambert			
Napoleon			
Schmidt's Big			
Windsor			
Yellow Glass			



ONE-YEAR SWEET AND SOUR CHERRY— Shenandoah Grown

Thorough spraying retains complete foliage and insures customer satisfaction. Photo September 1941.

HANSEN'S BUSH CHERRY

		Per 10	Per 100	Per 1000
Improved besseyi,	12 to 18 inches, transplants	\$0.80	\$ 7.00	\$ ----
"	" 18 to 24 inches, transplants	1.20	10.00	-----
"	" 2 to 3 feet, transplants	1.70	14.00	-----
"	" 3 to 4 feet, transplants	2.10	18.00	-----

PEAR—Standard

		Per 10	Per 100	Per 1000
Two Years,	11-16 and up, 4½ feet and up	\$3.20	\$28.00	\$250.00
"	" 9-16 to 11-16, 4 feet and up	2.50	22.00	200.00
"	" 7-16 to 9-16, 3 feet and up	2.00	17.00	150.00
"	" 5-16 to 7-16, 2 feet and up	1.40	12.00	-----
"	" One-inch and up	3.70	32.00	-----
One Year,	4 feet and up, whips	1.90	16.00	-----
"	" 3 feet and up, whips	1.40	12.00	-----

Bantam (Minn. No. 3)
Bartlett
B. de Anjou
Beurre Bosc
Bierschmidt
Clapps Favorite

Douglas
Duchess
Flemish Beauty
Garber
Gorham
Kieffer
Lincoln

Mendel
Parker
Patten
Seckel
Sheldon
Vermont Beauty

Bantam (Minn. No. 3), a medium sized pear reported to be immune from blight and ripening early in season. Very hardy.

PEAR—Dwarf

		Per 10	Per 100	Per 1000
Two Years,	⅝ and up	\$3.20	\$28.00	\$ ----
"	" ½ to ⅝	2.50	22.00	-----
"	" ⅜ to ½	1.90	16.00	-----
Bartlett	Flemish Beauty	Kieffer		
Duchess		Seckel		

PLUM

		Per 10	Per 100	Per 1000
Two Years,	11-16 and up, 4½ feet and up	\$4.00	\$35.00	\$ ----
"	" 9-16 to 11-16, 4 feet and up	3.20	28.00	-----
"	" 7-16 to 9-16, 3 feet and up	2.50	22.00	-----
"	" 5-16 to 7-16, 2 feet and up	1.90	16.00	-----

EUROPEAN, Two Years, on Myrobolan

Blue Damson
Bradshaw
German Prune
Green Gage

Italian Prune
Lombard
Monarch
Reine Claude

Shrop Damson
Stanley Prune
Yellow Egg

JAPAN, One and Two Years, on Myrobolan

Abundance

Burbank

PLUM

		Per 10	Per 100	Per 1000
11-16 and up,	4½ feet and up	\$3.20	\$28.00	\$ ----
9-16 to 11-16,	4 feet and up	2.50	22.00	-----
7-16 to 9-16,	3½ feet and up	2.10	18.00	-----
5-16 to 7-16,	2½ feet and up	1.40	12.00	-----
One-inch,	5 feet and up	4.00	35.00	-----

AMERICAN and HARDY HYBRIDS, One and Two Years, on Native Roots

Compass
DeSoto
Elliott
Ember (Minn. No. 83)
Flebling
Golden Rod
Hanska
Kaga
Kahlinta
LaCrescent

Loring Prize
Minnesota No. 17
Minnesota No. 133
Minnesota No. 218
Monitor
Oka
Omaha
Opata
Red Wing
Sapa

Superior (Minn. 194)
Surprise
Tecumseh
Terry's DeSoto
Toka
Tonka
Underwood
Waneta
Wild Goose
Zumbra

Ember, (Minnesota No. 83), an attractive yellow Plum blushed with red, ripening September and early October. Tree is vigorous and productive.

Minnesota No. 17, a medium, early variety, attractive bright red color. Good size and similar to Italian Prune in shape. Productive variety, excellent for canning.

Minnesota No. 218, an extra large, early red plum of high quality. Ripens early August, immediately after Underwood.

QUINTUPLET PLUM (Shenandoah Grown)

We offer two combinations, 5 varieties on one tree, in one size only, graded 9/16" and up. These were dormant budded summer 1940 on the side limbs of one year trees and buds have one full year's growth.

	Per 10	Per 100	Per 1000
Two Years, 9-16 inch and up, 5 feet and up.....	\$8.00	\$75.00	\$ -----

Each tree will carry one each of the following varieties:

COMBINATION NO. 1

On Toka
LaCrescent
Omaha
Red Wing
Underwood
Waneta

COMBINATION NO. 2

On Waneta
LaCrescent
Omaha
Red Wing
Toka
Underwood

APRICOTS

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4 feet and up.....	\$4.50	\$40.00	\$ -----
" " 9-16 to 11-16, 3½ feet and up.....	3.50	30.00	-----
" " 7-16 to 9-16, 3 feet and up.....	2.50	22.00	-----
" " 5-16 to 7-16, 2 feet and up.....	1.80	15.00	-----
" " 2 to 3 feet, under 5-16.....	1.20	10.00	-----
Alexander	Chinese	Royal	
Big Boy	Early Golden	Superb	
Budd	Moorpark	Wenatchee	

APRICOTS

Hardy Manchurian Varieties

Hansen's new Northwest, hardy varieties of Apricots, recently introduced by Prof. N. E. Hansen, Brookings, So. Dak. They are drought resistant and extremely hardy. The varieties offered are the best introductions to date.

	Per 10	Per 100	Per 1000
One and Two Years			
11-16 and up, 4 feet and up.....	\$5.00	\$45.00	\$ -----
9-16 to 11-16, 3½ feet and up.....	4.00	35.00	-----
7-16 to 9-16, 3 feet and up.....	3.20	28.00	-----
5-16 to 7-16, 2 feet and up.....	2.50	22.00	-----
2 to 3 feet, under 5-16.....	1.80	15.00	-----
Anda	Manchu	Sing	
Chow	Mandarin	Sino	
Hulan	Ninguta	Tola	
Lalin	Sansin	Zun	

PEACH

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4 feet and up.....	\$2.00	\$17.00	\$ -----
" " 9-16 to 11-16, 3½ feet and up.....	1.90	16.00	140.00
" " 7-16 to 9-16, 3 feet and up.....	1.50	13.00	110.00
" " 5-16 to 7-16, 2 feet and up.....	1.00	8.50	75.00
" " 2 to 3 feet, under 5-16.....	.80	7.00	60.00
Belle of Georgia	Early Wheeler	Mayflower	
Carman	Eclipse	Oriole	
Champion	Elberta	Polly	
Crawford's Early	Fitzgerald	Rochester	
Crawford's Late	Golden Jubilee	Salway Improved	
Crosby	Halehaven	Shipper's Late Red	
Cumberland	Health Cling	South Haven	
Delicious	J. H. Hale	Valiant	
Early Elberta	Krummel's Late	Vedette	

Cumberland, a New Jersey seedling of Belle crossed with Greensboro. Large white fleshed, usually free; ripening a few days before Carman.

Delicious, large, round, white-fleshed free-stone of exceptional color and high quality. Carman season. New Jersey introduction.

Eclipse, dark red, yellow fleshed free-stone; excellent flavor, ripening with Hiley. Recommended by introducers to replace Hiley.

Oriole good quality free-stone ripening the middle of August. Fruit yellow medium size and attractive.

Polly, extremely hardy Iowa variety; fruit large, blushed, free-stone; ripening a few days ahead of Elberta. Flesh white and good flavor.

Shipper's Late Red, a late Elberta type Peach, fruit large, well colored; freestone; flesh yellow and firm. Vigorous and productive.

Valiant, a Canadian introduction; an improved Elberta of merit; more highly colored; better quality; two weeks earlier; free-stone.

Vedette, a Canadian seedling of Elberta; ripening three weeks earlier. More highly colored and better quality.

NECTARINES

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4 feet and up.....	\$4.00	\$35.00	\$ ----
" " 9-16 to 11-16, 3½ feet and up.....	3.50	30.00	-----
" " 7-16 to 9-16, 3 feet and up.....	2.50	22.00	-----

Goldmine, red on light green base. Flesh almost white.

Quetta, dark green nearly covered with red.

QUINCE

	Per 10	Per 100	Per 1000
¾ and up	\$4.50	\$40.00	\$ ----
½ to ¾.....	3.50	30.00	-----
⅓ to ½.....	2.40	20.00	-----

Champion

Orange

MULBERRY

	Per 10	Per 100	Per 1000
Russian, 8 to 10 feet, branched.....	\$5.00	\$ ----	\$ ----
" 6 to 8 feet, branched.....	4.00	35.00	-----
" 5 to 6 feet, branched.....	2.40	20.00	-----
" 4 to 5 feet, branched.....	1.80	15.00	-----

SMALL FRUITS**GRAPE VINES—Western New York Grown**

Tied, 2 year, 50; No. 2, 100, per bundle

	Per 100	Per 1000
Agawam (Roger's 15) large red, 2 years, No. 1.....	\$ 7.00	\$ 60.00
" " " " 2 years, No. 2.....	4.50	40.00
Beta , black, 2 years, No. 1.....	7.00	60.00
" " 2 years, No. 2.....	4.50	40.00
Brighton , dark red 2 years, No. 1.....	7.50	65.00
" " " " 2 years, No. 2.....	5.00	45.00
Caco , red, 2 years, No. 1.....	10.00	90.00
" " 2 years, No. 2.....	7.50	65.00
Campbell's Early , choice black, 2 years, No. 1.....	7.50	65.00
" " " " 2 years, No. 2.....	5.00	45.00
Catawba , red, 2 years, No. 1.....	7.50	65.00
" " 2 years, No. 2.....	5.00	45.00
Concord , black, 2 years, No. 1.....	5.50	50.00
" " 2 years, No. 2.....	4.00	35.00
" " 1 year, No. 2.....	3.00	25.00
Delaware , red, 2 years, No. 1.....	8.00	70.00
" " 2 years, No. 2.....	5.50	50.00
Diamond , white, 2 years, No. 1.....	7.00	60.00
" " 2 years, No. 2.....	4.50	40.00
Fredonia , new, early, black, valuable, 2 years, No. 1.....	7.50	65.00
" " " " 2 years, No. 2.....	5.00	45.00
Golden Muscat , productive, producing large, sweet golden grapes,		
2 years, No. 1.....	25.00	----
2 years, No. 2.....	20.00	----
Lucille , red, 2 years, No. 1.....	7.00	----
" " 2 years, No. 2.....	5.00	----
Moore's Early , black, 2 years, No. 1.....	7.50	65.00
" " " " 2 years No. 2.....	5.00	45.00
Niagara , white, 2 years, No. 1.....	7.00	60.00
" " 2 years No. 2.....	4.50	40.00
Portland , white, 2 years, No. 1.....	7.50	65.00
" " 2 years, No. 2.....	5.00	45.00
Sheridan , black, 2 years, No. 1.....	8.00	----
" " 2 years, No. 2.....	6.00	----
Worden , black, 2 years, No. 1.....	7.00	60.00
" " 2 years, No. 2.....	4.50	40.00

SMALL FRUITS—Continued**GOOSEBERRIES**

Tied, No. 1, 25; No. 2, 50 per bundle		Per 100	Per 1000
Carrie, purplish-red, 2 years, No. 1	-----	\$10.00	\$ ----
" " 2 years, No. 2	-----	7.00	-----
Champion, green, 2 years, No. 1	-----	9.00	80.00
" " 2 years, No. 2	-----	7.00	60.00
Downing, pale green, 2 years, No. 1	-----	12.00	-----
" " 2 years, No. 2	-----	9.00	-----
Glendale, reddish-purple, 2 years, No. 1	-----	10.00	90.00
" " 2 years, No. 2	-----	7.50	65.00
Houghton, dark red, 2 years, No. 1	-----	9.00	80.00
" " 2 years, No. 2	-----	7.00	60.00
Josselyn, reddish-green, 2 years, No. 1	-----	12.00	-----
" " 2 years, No. 2	-----	9.00	-----

CURRENTS

Tied, No. 1, 25; No. 2, 50, per bundle		Per 100	Per 1000
Cherry, dark red, 2 years, No. 1	-----	\$ 7.00	\$ 60.00
" " 2 years, No. 2	-----	4.50	40.00
Diploma, light red, 2 years, No. 1	-----	8.00	70.00
" " 2 years, No. 2	-----	5.00	45.00
Fay's Prolific, dark red, 2 years, No. 1	-----	7.00	60.00
" " 2 years, No. 2	-----	4.50	40.00
Perfection, bright red, 2 years, No. 1	-----	8.00	70.00
" " 2 years, No. 2	-----	5.00	45.00
Red Cross, bright red, 2 years, No. 1	-----	7.00	60.00
" " 2 years, No. 2	-----	4.50	40.00

Red Lake, light red, 2 years, No. 1	-----	10.00	85.00
" " 2 years, No. 2	-----	6.50	55.00

White Grape, white, 2 years, No. 1	-----	7.50	65.00
" " 2 years, No. 2	-----	5.00	45.00
Wilder, dark red, 2 years, No. 1	-----	7.00	60.00
" " 2 years, No. 2	-----	4.50	40.00

RASPBERRIES

Tied 25 per bundle		Per 100	Per 1000
Black Beauty, black, tips	-----	\$ 2.10	\$ 18.00
Chief, red, suckers, No. 1	-----	2.10	18.00
" " No. 2	-----	1.70	14.00
Columbian, Purple, tips	-----	2.10	18.00
" " transplants, No. 1	-----	3.50	30.00
" " transplants, No. 2	-----	2.10	18.00
Cumberland, black, tips	-----	1.90	16.00
" " transplants, No. 1	-----	3.20	28.00
Cuthbert, red, suckers, No. 1	-----	2.10	18.00
Indian Summer, red, suckers, No. 1	-----	2.50	22.00
Latham, red, suckers, No. 1	-----	2.10	18.00
" " No. 2	-----	1.70	14.00
Logan, black, tips	-----	2.10	18.00
" " transplants, No. 1	-----	3.50	30.00
Morrison, (New), black, tips	-----	3.50	30.00

This new blackcap is much larger than Cumberland and is shiny jet-black in color. Vigorous and disease resistant.

Newburg, red, suckers, No. 1	-----	2.10	18.00
St. Regis, red, suckers, No. 1	-----	2.10	18.00
" " No. 2	-----	1.70	14.00
Shuttleworth, black, tips	-----	2.10	18.00
Sodus, purple, tips	-----	2.50	22.00
Taylor, red, suckers, No. 1	-----	2.10	18.00
" " No. 2	-----	1.70	14.00

SMALL FRUITS—Continued

BLACKBERRIES—Root Cutting Plants

Tied 25 per bundle

	Per 100	Per 1000
Alfred, No. 1.....	\$ 2.10	\$ 18.00
Brainerd, (New) No. 1.....	4.50	40.00
This new blackberry, recently introduced by the U. S. Department of Agriculture, is highly recommended for the home garden. Berries are large and borne in great profusion. Vigorous and hardy.		
Early Harvest, No. 1.....	1.90	16.00
“ “ No. 2.....	1.20	10.00
Eldorado, No. 1.....	2.10	18.00
“ No. 2.....	1.40	12.00
Snyder, No. 1.....	2.10	18.00
“ No. 2.....	1.40	12.00

MISCELLANEOUS BERRIES

	Per 100	Per 1000
Boysenberry, tip plants, No. 1.....	\$ 3.50	\$ 30.00
Boysenberry Thornless, tip plants, No. 1.....	5.50	50.00
Lucretia Dewberries, tip plants, No. 1.....	1.70	14.00
“ “ R. C. Plants, No. 1.....	2.10	18.00
Youngberry, tip plants, No. 1.....	2.10	18.00
“ R. C. plants, No. 1.....	3.50	30.00
“ Thornless, tip plants, No. 1.....	3.50	30.00

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Mary Washington, 1 year.....	\$ 0.60	\$ 5.00
“ “ “ 2 year.....	.90	8.00
“ Paradise, 1 year.....	1.20	10.00
“ “ 2 year.....	1.80	15.00
Horseradish, Cuttings.....	1.20	10.00
“ Crowns.....	3.50	30.00
Rhubarb, Victoria, whole roots, $\frac{3}{8}$ to $\frac{1}{2}$ inch.....	.90	8.00
“ “ “ “ $\frac{1}{2}$ to $\frac{5}{8}$ inch.....	1.40	12.00
“ “ “ “ $\frac{5}{8}$ to 1-inch.....	2.10	18.00
“ “ “ “ 1 to 1 $\frac{1}{2}$ inch.....	2.50	22.00
“ “ “ “ 1 $\frac{1}{2}$ -inch and up.....	3.50	30.00

	Per 10	Per 100
Rhubarb, McDonald, grown from divisions.....	\$ 1.80	\$ 15.00
Rhubarb, Ruby Red, grown from divisions.....	1.80	15.00

STRAWBERRIES—Shenandoah Grown

	Per 100	Per 1000		Per 100	Per 1000
Beaver.....	\$0.50	\$4.50	Fairfax.....	\$0.60	\$5.00
Bellmar.....	.45	4.00	Premier.....	.60	5.00
Blakemore.....	.40	3.50	Senator Dunlap.....	.45	4.00
Dorsett.....	.60	5.00	Welch's Late.....	.50	4.50
Gem, EVERBEARING.....				1.00	8.00
Mastodon, EVERBEARING.....				1.20	10.00
Wayzata, EVERBEARING.....				2.50	22.00

PEACH PITS, California Lovells, F. O. B. Shenandoah, Iowa.

1941 crop, averaging 4,500 pits per 50-lb. bu. \$2.50 per bu.

FRUIT TREE STOCKS—American Grown

We specialize in growing and distributing fruit tree stocks, maintaining an extensive plant in the State of Washington.

WESTERN GROWN—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown apple seedlings for our grafting and for budding stocks. Also use the other varieties of western grown fruit tree stocks for our own budding.

FUTURE ORDERS—We are always glad to quote prices and book advance orders. This gives us an opportunity to secure the necessary amount of seed and plant to insure 100% delivery. We solicit your inquiries and orders.

GRADES—We make strong grades that please our customers.

PRICES—Are for shipment from Shenandoah, subject to our usual terms and to change without notice. We also are able to make shipments direct from our growing plant, if desired, and to offer our Eastern customers delivery in car lots to various points.

APPLE SEEDLINGS—Washington Grown	Per 100	Per 1000
¼-inch and up, Branched, heavy	\$ 1.90	\$ 16.00
¼-inch and up, Straight, heavy	1.70	14.00
No. 1, 3-16 and up, Branched, strong	1.70	14.00
No. 1, 3-16 and up, Straight, strong	1.40	12.00
Special or Stub Grade, 3-16 and up, strong	1.00	9.00
No. 2, 2-16 to 3-16, Branched, strong	1.00	9.00
No. 2, 2-16 to 3-16, Straight, strong	1.00	9.00
No. 3, about 2-16	.60	5.00
CHERRY MAHALEB—Washington Grown		
¼-inch and up	2.10	18.00
No. 1, 3-16 and up	1.90	16.00
No. 2, 2-16 to 3-16	1.40	12.00
No. 3, about 2-16	.85	7.50
CHERRY MAZZARD—Washington Grown		
¼-inch and up	1.90	16.00
No. 1, 3-16 and up	1.70	14.00
No. 2, 2-16 to 3-16	1.20	10.00
No. 3, about 2-16	.80	7.00
PEACH SEEDLINGS—Shenandoah Grown		
¼-inch and up	2.10	18.00
No. 1, 3-16 and up	1.80	15.00
No. 2, 2-16 to 3-16	1.20	10.00
PEAR SEEDLINGS—Washington Grown		
Bartlett		
¼-inch and up, Straight	1.80	15.00
No. 1, 3-16 and up, Branched	1.90	16.00
No. 1, 3-16 and up, Straight	1.40	12.00
No. 2, 2-16 to 3-16, Branched	1.20	10.00
No. 2, 2-16 to 3-16, Straight	1.00	9.00
No. 3, about 2-16	.70	6.00
French		
No. 1, 3-16 and up, Straight	1.40	12.00
No. 2, 2-16 to 3-16, Straight	1.00	9.00
Ussuriensis		
¼-inch and up, Branched	2.40	20.00
¼-inch and up, Straight	1.90	16.00
PLUM MYROBOLAN—Washington Grown		
¼-inch and up	1.90	16.00
No. 1, 3-16 and up	1.70	14.00
No. 2, 2-16 to 3-16	1.20	10.00
No. 3, about 2-16	.70	6.00
PLUM NATIVE—Shenandoah Grown		
No. 1, 3-16 and up	1.60	13.00
No. 2, 2-16 to 3-16	1.00	9.00
No. 3, about 2-16	.70	6.00
QUINCE ROOTED CUTTINGS—Western Grown		
No. 1, 3-16 and up	2.50	22.00
No. 2, 2-16 to 3-16	2.10	18.00

ROSE STOCKS

Per 100 Per 1000

MULTIFLORA JAPONICA—One Year Rooted Cuttings, Thornless

¼-inch and up	\$ 2.10	\$ 18.00
No. 1, 3-16 and up	1.90	16.00
No. 2, 2-16 to 3-16	1.40	12.00

MANETTI—One Year Rooted Cuttings

¼-inch and up	2.10	18.00
No. 1, 3-16 and up	1.90	16.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 and smaller, 100 per bundle

ASH, GREEN, *Fraxinus lanceolata*

Per 100 Per 1000

6 to 12 inches	\$ 0.40	\$ 3.50
12 to 18 inches .....	.60	5.00
18 to 24 inches .....	.90	8.00
2 to 3 feet	1.20	10.00
3 to 4 feet	1.80	15.00
4 to 5 feet	2.50	22.00

ASH, WHITE, *Fraxinus americana*

6 to 12 inches .....	.40	3.50
12 to 18 inches .....	.70	6.00
18 to 24 inches	1.00	9.00
2 to 3 feet	1.40	12.00
3 to 4 feet	1.90	16.00
4 to 5 feet	2.90	25.00

BOX ELDER, *Acer negundo*

6 to 12 inches .....	.40	3.50
12 to 18 inches .....	.70	6.00
18 to 24 inches	1.00	9.00

BUCKTHORN, Common, *Rhamnus Cathartica*

6 to 12 inches .....	.90	8.00
12 to 18 inches	1.40	12.00
18 to 24 inches	2.10	18.00
2 to 3 feet	2.90	25.00
3 to 4 feet	4.50	40.00

CARAGANA, *arborescens*, Siberian Pea-Tree

6 to 12 inches .....	.80	7.00
12 to 18 inches	1.20	10.00
18 to 24 inches	1.70	14.00
2 to 3 feet	2.10	18.00
3 to 4 feet	2.90	25.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued**CATALPA Speciosa, Western Catalpa**

Per 100 Per 1000

6 to 12 inches.....	\$ 0.40	\$ 3.50
12 to 18 inches.....	.70	6.00
18 to 24 inches.....	1.00	9.00

ELM, AMERICAN WHITE, *Ulmus americana*

6 to 12 inches.....	.35	3.00
12 to 18 inches.....	.60	5.00
18 to 24 inches.....	.90	8.00
2 to 3 feet.....	1.20	10.00
3 to 4 feet.....	1.80	15.00
4 to 5 feet.....	2.90	25.00

ELM, CHINESE, *Ulmus pumila*

We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade will be spring dug.

6 to 12 inches.....	.40	3.50
12 to 18 inches.....	.70	6.00
18 to 24 inches.....	1.00	9.00
2 to 3 feet.....	1.40	12.00
3 to 4 feet.....	2.10	18.00
4 to 5 feet.....	2.90	25.00
5 to 6 feet.....	5.50	50.00
6 to 8 feet.....	8.00	70.00

HACKBERRY, *Celtis occidentalis*

2 to 3 feet.....	2.40	20.00
3 to 4 feet.....	3.50	30.00
4 to 5 feet.....	5.00	45.00
5 to 6 feet.....	7.00	60.00

LOCUST HONEY, *Gleditsia triacanthos*

6 to 12 inches.....	.45	4.00
12 to 18 inches.....	.80	7.00
18 to 24 inches.....	1.20	10.00
Thornless, inermis, 6 to 12 inches.....	.60	5.00
“ “ 12 to 18 inches.....	.90	8.00
“ “ 18 to 24 inches.....	1.40	12.00

LOCUST, BLACK or YELLOW, *Robinia pseudoacacia*

6 to 12 inches.....	.45	4.00
12 to 18 inches.....	.80	7.00
18 to 24 inches.....	1.20	10.00
2 to 3 feet.....	1.70	14.00
3 to 4 feet.....	2.10	18.00

MAPLE, SILVER LEAVED, *Acer dasycarpum*

6 to 12 inches.....	.35	3.00
12 to 18 inches.....	.60	5.00
18 to 24 inches.....	.90	8.00

MULBERRY, RUSSIAN, *Morus tatarica*

6 to 12 inches.....	.40	3.50
12 to 18 inches.....	.80	7.00
18 to 24 inches.....	1.20	10.00
2 to 3 feet.....	1.50	12.50
3 to 4 feet.....	2.10	18.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

		Per 100	Per 1000
OAK, BLACK, <i>Quercus velutina</i>			
12 to 18 inches		\$ 4.50	\$ ----
18 to 24 inches		6.00	----
2 to 3 feet		7.50	----
Bur, <i>Quercus macrocarpa</i>			
9 to 12 inches		3.20	28.00
12 to 18 inches		4.00	35.00
Pin, <i>Quercus palustris</i>			
6 to 9 inches		2.10	18.00
9 to 12 inches		2.90	25.00
12 to 18 inches		4.00	35.00
18 to 24 inches		5.50	50.00
2 to 3 feet		7.50	65.00
3 to 4 feet		14.00	120.00
OSAGE ORANGE, <i>Maclura pomifera</i>			
6 to 12 inches		.35	3.00
12 to 18 inches		.60	5.00
18 to 24 inches		.90	8.00
2 to 3 feet		1.20	10.00
3 to 4 feet		1.70	14.00
RUSSIAN OLIVE, <i>Elaeagnus angustifolia</i>			
6 to 12 inches		.90	8.00
12 to 18 inches		1.40	12.00
18 to 24 inches		2.10	18.00
2 to 3 feet		2.90	25.00
3 to 4 feet		3.70	32.00
4 to 5 feet		4.50	40.00
THORN, <i>Crataegus mollis</i>, Downy Hawthorn			
18 to 24 inches		4.00	----
2 to 3 feet		5.50	50.00
3 to 4 feet		7.50	65.00
WALNUT, BLACK, <i>Juglans nigra</i>			
6 to 12 inches		1.40	12.00
12 to 18 inches		2.10	18.00
18 to 24 inches		2.90	25.00

ONE YEAR FROM CUTTINGS

		Per 100	Per 1000
POPLAR, <i>Populus</i>			
Carolina (Norway Variety) whips, 2 to 3 feet		\$ 2.90	\$ 25.00
" " " whips, 3 to 4 feet		4.00	35.00
" " " 4 to 5 feet, lightly br.		5.00	45.00
" " " 5 to 6 feet, lightly br.		7.00	60.00
Lombardy, whips, 2 to 3 feet		3.50	30.00
" " 3 to 4 feet		5.00	45.00
" lightly branched, 4 to 5 feet		7.00	60.00
" " 5 to 6 feet		9.00	80.00
WILLOW, <i>Salix</i>			
Laurel Leaf, 18 to 24 inches		2.40	20.00
" " 2 to 3 feet		2.90	25.00
" " 3 to 4 feet		3.70	32.00
Russian Golden (vitellina) 18 to 24 inches		1.80	15.00
" " " 2 to 3 feet		2.40	20.00
" " " 3 to 4 feet		2.90	25.00
" " " 4 to 5 feet		4.00	35.00

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

BALLING AND BURLAPPING EXTRA. The following prices are made to cover ordinary size balls, a ball large enough to safely transplant the trees.

	Each		Each
3 to 4 feet.....	\$0.40	1¼-inch caliper	\$2.00
4 to 5 feet.....	.60	1½-inch caliper	2.75
5 to 6 feet.....	.75	2-inch caliper	3.25
6 to 8 feet.....	1.00	2½-inch caliper	4.00
8 to 10 feet.....	1.50	3-inch caliper	5.00

Balling and burlapping on larger sized trees quoted on request.

AILANTHUS, glandulosa, Tree of Heaven, 50-60 ft.

A rapid growing tree. Succeeds under city conditions.

	Per 10	Per 100	Per 1000
6 to 8 feet.....	\$7.50	\$70.00	\$
8 to 10 feet.....	11.00	100.00	.....

ARALIA, mandshurica. 20-25 ft.

Vigorous grower with large, cut leaves. Very hardy.

2 to 3 feet.....	2.80	-----	-----
3 to 4 feet.....	3.50	-----	-----
4 to 5 feet.....	5.00	-----	-----

ASH, American White, Fraxinus alba, 75-100 ft.

Tall growing, valuable tree for street and park planting.

5 to 6 feet.....	3.50	30.00	-----
6 to 8 feet.....	5.00	45.00	-----
8 to 10 feet.....	7.50	70.00	-----
1½ to 2 inches.....	11.00	-----	-----

Green, lanceolata, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

4 to 5 feet.....	2.40	20.00	-----
5 to 6 feet.....	2.90	25.00	-----
6 to 8 feet.....	4.50	40.00	-----
8 to 10 feet.....	7.00	65.00	-----
1½ to 2 inches.....	11.00	100.00	-----
2 to 2½ inches.....	15.00	-----	-----

BIRCH, Cutleaf Weeping, Betula laciniata, 30-40 ft.

A graceful, white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

4 to 5 feet, Balled in Moss.....	7.00	65.00	-----
5 to 6 feet, " " ".....	10.00	90.00	-----
6 to 8 feet, " " ".....	14.00	125.00	-----
8 to 10 feet, " " ".....	20.00	180.00	-----

European White, Betula alba, 30-40 ft.

A hardy attractive tree with white bark.

4 to 5 feet.....	4.00	35.00	-----
5 to 6 feet.....	5.50	50.00	-----
6 to 8 feet.....	8.00	75.00	-----
8 to 10 feet.....	11.00	100.00	-----
1½ to 1¾ inches.....	15.50	140.00	-----
1¾ to 2 inches.....	18.50	-----	-----
2 to 2½ inches.....	25.00	-----	-----

Paper or Canoe, Betula papyrifera, 40-50 ft.

Picturesque, paper bark, very white when older.

6 to 8 feet.....	10.00	-----	-----
8 to 10 feet.....	13.50	-----	-----
1½ to 2 inches.....	17.50	-----	-----

DECIDUOUS TREES—Continued**BOX ELDER, See Maple.****BUTTERNUT, *Juglans cinerea*. 60-80 ft.**

A spreading tree with large leaves; produces good size white nuts of good quality.

	Per 10	Per 100	Per 1000
3 to 4 feet.....	\$4.00	\$ ----	\$ ----

CATALPA, bungei, Umbrella Catalpa, 12-18 ft.

Vigorous, large, dark green leaves, used for formal planting.

4 to 5-foot stems, one-year heads.....	5.00	45.00	-----
5 to 6-foot stems, one-year heads.....	6.50	60.00	-----
4 to 5-foot stems, 2-year heads.....	6.50	60.00	-----
5 to 6-foot stems, 2-year heads.....	8.00	75.00	-----
6 to 7-foot stems, 2-year heads.....	10.00	-----	-----

speciosa, Western Catalpa, 30-35 ft.

Well known hardy tree. White flowers, May-June.

8 to 10 feet.....	4.50	40.00	-----
1½ to 2 inches.....	6.00	-----	-----

CHERRY, FLOWERING, 18-20 ft.

Noted for their beautiful flowers, planted freely in the east and south.

2 to 3 feet, branched.....	6.00	-----	-----
3 to 4 feet, branched.....	7.50	-----	-----
4 to 5 feet, branched.....	10.00	-----	-----

Kwanzan—double, dark pink, late.

Shogestau, large double pink.

Sieboldi, semi double, white tinged with red.

Yoshino—single white.

CHESTNUT, *Castanea mollissima*, Hairy Chestnut, 30-40 ft.

Variety recommended both for hardiness and large nuts.

5 to 6 feet.....	10.00	-----	-----
6 to 8 feet.....	14.00	125.00	-----

CRAB, Flowering Malus. 12-20 ft.

The following varieties of flowering crabs are valuable, producing attractive flowers and fruit.

18 to 24 inches.....	2.40	20.00	-----
2 to 3 feet.....	2.90	25.00	-----
3 to 4 feet.....	4.00	35.00	-----
4 to 5 feet.....	5.50	50.00	-----
5 to 6 feet.....	8.00	75.00	-----
6 to 7 feet.....	11.00	100.00	-----

Bechtel, *ioensis plena*. 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

Ioensis, Prairie Crab. 15-20 ft.

Native, usually on low lands. Single pink flowers in May. Hardy.

Theifera, Tea Crab. 18-20 ft.

An artistic crab, sparse, irregular branches covered with pink flowers.

CRAB, Flowering Malus. 12-30 ft.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$2.40	\$29.00	\$ ----
2 to 3 feet.....	3.50	30.00	-----
3 to 4 feet.....	4.50	40.00	-----
4 to 5 feet.....	6.00	55.00	-----
5 to 6 feet.....	7.50	-----	-----

Aldenheimensis, *purpurea*. 15 ft.

Foliage smooth reddish bronze. Buds crimson pink opening to brighter vinous-red, semi-double flowers. Fruit deep reddish-purple.

Arnoldiana, Arnold Crab. 20-30 ft.

Originated at Arnold Arboretum. Large rose-colored flowers, turning white.

DECIDUOUS TREES—Continued**CRAB, Flowering Malus—Continued****Baccata, Siberian Crab.**

Large pure white, fragrant flowers. Scarlet fruit on long stems.

Chinese Spectabilis, chinese flowering crab. 15-18 ft.

Large, fragrant, bright pink flowers. April.

Coronaria, wild sweet crab. 25-30 ft.

White with pink flowers, delightfully fragrant. Native American species.

Eleyi, Eley Flowering Crab. 25-30 ft.

Attractive reddish foliage in spring changing to pink. Single pink flowers followed by showy red fruit.

Floribunda, Japanese flowering crab. 25-30 ft.

Pink buds, rosy-white flowers, small yellow fruit. Early.

Floribunda Purpurea, Purple Crab. 25-30 ft.

Attractive red foliage in spring; single crimson flowers.

Hopa, Red Flowering Crab. 20-25 ft.

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds followed by rose colored flowers in April. Fruit red inside and out, hanging on until late autumn. Very hardy and free from disease. Planted extensively.

Mount Arbor Flowering. 25-30 ft.

This desirable flowering crab produces an abundance of dark red flowers, purple fruit, with brilliant reddish-purple foliage, brighter in color than other varieties.

Parkman, halliana parkmani. 12-15 ft.

Semi-double, pink flowers on long stems. Compact habit of growth. Dwarf. April-May.

Red Silver. 18-20 ft.

Fruit rich maroon red, foliage somewhat cut-leaved with silver and red color. A remarkable combination.

Redvein Crab, niedzwetzkyana. 20-25 ft.

A large growing Russian Turkestan variety. Has remarkable large red flowers in April followed by large purplish-red fruit and leaves.

Schedeckeri. 15-20 ft.

Double red in bud changing to pink.

ELM—American White, Ulmus americana, 60-100 ft.

The most popular American tree for street and general planting.

	Per 10	Per 100	Per 1000
4 to 5 feet.....	\$2.10	\$18.00	\$ ----
5 to 6 feet.....	2.90	25.00	----
6 to 8 feet.....	4.50	40.00	----
8 to 10 feet.....	6.00	55.00	----
1¼ to 1½ inches.....	7.50	70.00	----
1½ to 1¾ inches.....	11.00	100.00	----
1¾ to 2 inches.....	14.00	125.00	----
2 to 2½ inches.....	19.00	175.00	----
2½ to 3 inches.....	25.00	235.00	----
3 to 3½ inches.....	35.00	325.00	----
3½ to 4 inches.....	42.50	400.00	----
4 to 5 inches.....	55.00	500.00	----
5 to 6 inches.....	65.00	600.00	----

Chinese, pumila, 40-50 ft.

A hardy, rapid grower. Slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

4 to 5 feet.....	1.90	16.00	140.00
5 to 6 feet.....	2.90	25.00	220.00
6 to 8 feet.....	4.50	40.00	350.00
8 to 10 feet.....	6.00	55.00	500.00
1¼ to 1½ inches.....	7.00	65.00	----
1½ to 2 inches.....	10.00	90.00	----
2 to 2½ inches.....	16.50	150.00	----

DECIDUOUS TREES—Continued

CHINESE ELM

Root Pruned Trees

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height.

	Per 10	Per 100	Per 1000
4 to 5 feet, 7-16 to 9-16 inches.....	\$1.10	\$ 9.00	\$ 80.00
5 to 6 feet, 9-16 to 11-16 inches.....	2.10	18.00	150.00
6 to 8 feet, 11-16 to 7-8 inches.....	2.60	22.50	200.00
8 to 10 feet, 7-8 to 1 inch.....	3.80	33.00	300.00
1¼ to 1½ inches.....	5.00	45.00	400.00
1½ to 2 inches.....	7.00	65.00	-----

Moline Elm. 80-100 ft.

A new pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

6 to 8 feet.....	7.00	65.00	-----
8 to 10 feet.....	10.00	90.00	-----
1¼ to 1½ inches.....	13.00	120.00	-----
1½ to 1¾ inches.....	17.50	160.00	-----
1¾ to 2 inches.....	21.00	190.00	-----
2 to 2½ inches.....	27.50	250.00	-----
2½ to 3 inches.....	35.00	325.00	-----
3 to 3½ inches.....	42.00	390.00	-----
3½ to 4 inches.....	50.00	450.00	-----
4 to 5 inches.....	65.00	600.00	-----
5 to 6 inches.....	75.00	700.00	-----

Moline Elm, Grown from Seed, 80-100 ft.

These trees grown from selected seed of Moline Elm. They show many characteristics of the budded Moline, upright pyramidal habit of growth and larger foliage than American.

1¼ to 1½ inches.....	8.50	80.00	-----
1½ to 2 inches.....	14.00	125.00	-----
2 to 2½ inches.....	19.00	175.00	-----

Vase Elm, 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

6 to 8 feet.....	7.00	65.00	-----
8 to 10 feet.....	10.00	90.00	-----
1¼ to 1½ inches.....	13.00	120.00	-----
1½ to 1¾ inches.....	17.50	160.00	-----
1¾ to 2 inches.....	20.00	-----	-----
3 to 3½ inches.....	40.00	-----	-----
3½ to 4 inches.....	45.00	-----	-----
4 to 5 inches.....	60.00	-----	-----

HACKBERRY, *Celtis occidentalis*, 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

4 to 5 feet.....	2.90	25.00	-----
5 to 6 feet.....	4.50	40.00	-----
6 to 8 feet.....	6.50	60.00	-----
8 to 10 feet.....	10.00	90.00	-----
1½ to 2 inches.....	15.00	135.00	-----
2 to 2½ inches.....	21.00	190.00	-----
2½ to 3 inches.....	25.00	-----	-----
3 to 3½ inches.....	32.50	-----	-----
3½ to 4 inches.....	40.00	-----	-----

DECIDUOUS TREES—Continued

HONEYLOCUST, *Gleditsia triacanthos*, 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

	Per 10	Per 100	Per 1000
5 to 6 feet.....	\$ 4.50	\$ 40.00	\$ -----
6 to 8 feet.....	6.50	60.00	-----
8 to 10 feet.....	9.00	85.00	-----
1½ to 2 inches.....	14.00	125.00	-----
2 to 2½ inches.....	22.00	200.00	-----
2½ to 3 inches.....	27.50	-----	-----

Thornless, *Gleditsia triacanthos inermis*, 50-60 ft.

A variety of *Triacanthos* without thorns.

5 to 6 feet.....	5.50	50.00	-----
6 to 8 feet.....	8.00	75.00	-----
8 to 10 feet.....	11.00	100.00	-----
1½ to 2 inches.....	17.50	-----	-----

HORSE CHESTNUT, *Aesculus Glabra*, Ohio Buckeye. 25-40 ft.

A small tree having long, slim, smooth leaves, greenish-yellow flowers.

4 to 5 feet.....	7.50	-----	-----
5 to 6 feet.....	10.00	-----	-----

KENTUCKY COFFEETREE, *Gymnocladus dioica*, 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

4 to 5 feet.....	5.50	50.00	-----
5 to 6 feet.....	8.00	75.00	-----
6 to 8 feet.....	11.00	100.00	-----
8 to 10 feet.....	15.00	135.00	-----
1½ to 2 inches.....	17.50	-----	-----

LINDEN, American, *Tilia americana*, 60-90 ft.

Rapid growing tree. Large glossy leaves, fragrant yellow flowers, June.

5 to 6 feet.....	5.00	45.00	-----
6 to 8 feet.....	6.50	60.00	-----
8 to 10 feet, 1¼ to 1½ inches.....	8.50	80.00	-----
1½ to 2 inches.....	12.00	110.00	-----
2 to 2½ inches.....	19.00	175.00	-----

Cordata, Littleleaf European Linden, 70 ft.

Very small leaves and desirable habit of growth.

4 to 5 feet.....	5.00	45.00	-----
5 to 6 feet.....	6.50	60.00	-----
6 to 8 feet.....	10.00	90.00	-----
8 to 10 feet.....	12.50	-----	-----

Pyramidal, Pyramidal American Linden, 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

5 to 6 feet.....	7.50	-----	-----
6 to 8 feet.....	10.00	-----	-----
8 to 10 feet.....	12.50	-----	-----
1½ to 2 inches.....	17.50	-----	-----

Silvestris, *Tilia Silvestris*, 70 ft.

A variety of *Tilia cordata* small leaf European Linden.

4 to 5 feet.....	4.50	40.00	-----
5 to 6 feet.....	6.00	55.00	-----
6 to 8 feet.....	8.50	80.00	-----
8 to 10 feet.....	12.00	110.00	-----

Tomentosa (argentea), Silver Linden, 40-60 ft.

Handsome, dense-headed tree that will stand heat and drought. Leaves green above; silvery beneath.

4 to 5 feet.....	5.00	-----	-----
5 to 6 feet.....	7.00	-----	-----
6 to 8 feet.....	10.00	-----	-----

DECIDUOUS TREES—Continued

LINDEN, *Tilia*—Continued**Vulgaris, European Linden, 70-80 ft.**

A symmetrical and compact European Linden producing fragrant flowers in late June.

	Per 10	Per 100	Per 1000
4 to 5 feet.....	\$5.00	\$ ----	\$ ----
5 to 6 feet.....	7.00	----	----
6 to 8 feet.....	10.00	----	----

LOCUST, Black or Yellow, *Robinia pseudoacacia* 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

4 to 5 feet.....	2.10	18.00	----
5 to 6 feet.....	2.90	25.00	----
6 to 8 feet.....	4.00	35.00	----

MAPLE, Amur, *Acer ginnala*. 20-25 ft.

Large shrub or small tree. Yellowish, fragrant flowers. April-May. Leaves and seed pods attractive.

5 to 6 feet.....	6.50	----	----
6 to 8 feet.....	10.00	----	----
8 to 10 feet.....	15.00	135.00	----

Box Elder, *negundo*. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

5 to 6 feet.....	4.00	35.00	----
6 to 8 feet.....	5.00	----	----
2 to 2½ inches.....	10.00	----	----

Norway, *platanoides*. 50-60 ft.

Hardy, popular tree. Fine for park and street planting. Spreading habit.

5 to 6 feet, whips.....	4.50	40.00	----
6 to 8 feet, whips.....	5.00	45.00	----
6 to 8 feet, branched.....	8.50	80.00	----
8 to 10 feet, branched.....	12.00	110.00	----
1¼ to 1½ inches.....	15.00	135.00	----
1½ to 1¾ inches.....	19.00	175.00	----

Schwedler, *Purple Leaf Maple*. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring.

5 to 6 feet, whips.....	7.00	65.00	----
6 to 8 feet, whips.....	8.50	80.00	----

Silver, *dasyarpum*. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

5 to 6 feet.....	2.90	25.00	----
6 to 8 feet.....	4.50	40.00	----
8 to 10 feet.....	7.00	65.00	----
1¼ to 1½ inches.....	8.50	80.00	----
1½ to 2 inches.....	12.00	110.00	----
2 to 2½ inches.....	15.00	----	----

Sugar, *saccharum*. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

5 to 6 feet.....	6.50	60.00	----
6 to 8 feet.....	10.00	90.00	----
8 to 10 feet, 1 to 1¼ inches.....	14.00	125.00	----
1¼ to 1½ inches.....	15.50	140.00	----
1½ to 1¾ inches.....	19.00	----	----
1¾ to 2 inches.....	22.50	----	----
2 to 2½ inches.....	30.00	275.00	----
2½ to 3 inches.....	38.50	350.00	----
3 to 3½ inches.....	42.50	----	----
3½ to 4 inches.....	55.00	500.00	----
4 to 5 inches.....	65.00	600.00	----

DECIDUOUS TREES—Continued

MAPLE—Continued

Wier, Cutleaved Silver Maple, 60-80 ft.

Graceful drooping limbs with cut leaves.	Per 10	Per 100	Per 1000
5 to 6 feet.....	\$ 5.50	\$ ----	\$ ----
6 to 8 feet.....	8.00	----	----
8 to 10 feet.....	11.00	----	----
1½ to 1¾ inches.....	15.00	----	----

MOUNTAIN ASH, American, Sorbus americana. 30 ft.

Attractive tree with bright red flowers in large clusters.

5 to 6 feet.....	8.00	75.00	----
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European, Sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

5 to 6 feet.....	6.50	60.00	----
6 to 8 feet.....	9.00	85.00	----
8 to 10 feet.....	12.00	110.00	----
1½ to 2 inches.....	15.00	----	----

MULBERRY, Tea's Weeping, Morus alba pendula. 8-10 ft.

A hardy, popular weeping tree.

1-year heads, 5 to 6 feet.....	11.00	100.00	----
2-year heads, 4 to 5 feet.....	11.00	100.00	----
2-year heads, 5 to 6 feet.....	14.00	125.00	----

OAK, Laurel, Quercus laurifolia. 60-80 ft.

An attractive Oak with slender branches forming a dense round top head.

4 to 5 feet.....	10.00	90.00	----
5 to 6 feet.....	12.50	115.00	----
6 to 8 feet.....	16.50	150.00	----

Pin, Quercus palustris. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

5 to 6 feet.....	13.00	120.00	----
6 to 8 feet.....	16.50	150.00	----
3 to 3½ inches.....	45.00	400.00	----
3½ to 4 inches.....	55.00	500.00	----
4 to 5 inches.....	65.00	600.00	----
5 to 6 inches.....	75.00	----	----

Red, Quercus rubra. 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

5 to 6 feet.....	13.00	120.00	----
6 to 8 feet.....	16.50	150.00	----
8 to 10 feet, 1¼ to 1½ inches.....	22.00	200.00	----
1½ to 2 inches.....	30.00	275.00	----
2½ to 3 inches.....	42.50	----	----
3 to 3½ inches.....	50.00	----	----
3½ to 4 inches.....	57.50	----	----
4 to 5 inches.....	65.00	----	----
5 to 6 inches.....	80.00	----	----

Scarlet, Quercus coccinea. 75-90 ft.

Most striking Autumn colors; tall, stately grower, deeply cut leaves.

5 to 6 feet.....	12.00	----	----
6 to 8 feet.....	15.00	----	----
8 to 10 feet, 1¼ to 1½ inches.....	20.00	----	----
1½ to 2 inches.....	27.50	----	----
2 to 2½ inches.....	35.00	----	----
2½ to 3 inches.....	42.50	----	----
3 to 3½ inches.....	50.00	----	----

DECIDUOUS TREES—Continued**OAK—Continued****White, *Quercus alba*. 60-80 ft.**

A rugged oak of slow growth making a large, magnificent tree.

	Per 10	Per 100	Per 1000
4 to 5 feet.....	\$11.00	\$100.00	\$ ----
5 to 6 feet.....	13.00	120.00	----
6 to 8 feet.....	16.50	150.00	----
8 to 10 feet.....	22.00	200.00	----
1½ to 2 inches.....	30.00	275.00	----

PECAN, native nut bearing tree.

3 to 4 feet.....	4.00	----	----
4 to 5 feet.....	5.50	----	----
5 to 6 feet.....	7.50	----	----

PERSIMMON, American, *Diospyros virginiana*. 50-60 ft.

An ornamental tree carrying long narrow foliage and producing medium size fruit. Wood valuable.

4 to 5 feet.....	4.50	----	----
5 to 6 feet.....	7.00	----	----
6 to 8 feet.....	10.00	----	----

PHELLODENDRON amurense, Amur Corktree. 30-40 ft.

Medium sized, hardy tree with stout, spreading branches. Leaves aromatic when bruised, turning yellow in autumn. Inconspicuous greenish flowers followed by black berries, remaining on tree long after leaves have fallen.

3 to 4 feet.....	4.00	35.00	----
4 to 5 feet.....	5.50	50.00	----

POPLAR, Bolleana, Silver Leaved. 50-60 ft.

A rapid growing, columnar tree with silvery foliage.

5 to 6 feet.....	4.50	40.00	----
6 to 8 feet.....	5.50	50.00	----
8 to 10 feet.....	7.50	70.00	----
1¼ to 1½ inches.....	8.50	80.00	----
1½ to 2 inches.....	11.50	----	----
2 to 2½ inches.....	17.50	160.00	----
2½ to 3 inches.....	25.00	----	----
3 to 3½ inches.....	30.00	----	----

Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

5 to 6 feet.....	1.80	15.00	----
6 to 8 feet.....	2.40	20.00	----
8 to 10 feet.....	3.50	30.00	----
1¼ to 1½ inches.....	4.00	35.00	----
1½ to 2 inches.....	6.50	60.00	----

Lombardy, *nigra italica*. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

4 to 5 feet, low branched.....	1.25	10.50	90.00
5 to 6 feet, " ".....	2.00	16.00	140.00
6 to 8 feet, " ".....	2.50	22.00	200.00
8 to 10 feet, " ".....	3.20	28.00	250.00
1¼ to 1½ inches, low branched.....	3.80	33.00	300.00
1½ to 2 inches, " ".....	5.50	50.00	----

Silver, White Poplar. 50-60 ft.

Well known as Silver Poplar, spreading habit, leaves woolly white underneath. Very hardy. Succeeds in cold dry climate.

4 to 5 feet, well branched.....	2.10	18.00	----
5 to 6 feet, " ".....	2.90	25.00	----
6 to 8 feet, " ".....	4.50	40.00	----
8 to 10 feet, " ".....	7.00	65.00	----

DECIDUOUS TREES—Continued

POPLAR—Continued

Suaveolens Przewalski 40-50 ft.

Distinct poplar of spreading habit of growth and valuable for hot and dry climates. Hardy.			
	Per 10	Per 100	Per 1000
6 to 8 feet	\$ 3.00	\$	\$
8 to 10 feet	4.00		

PRUNUS, Ornamental Plum**Cistena, Hansen's Purple Leaved Plum. 5-6 ft.**

A dwarf hardy variety with rich purple red foliage. Bush form.

18 to 24 inches	2.40	20.00	----
2 to 3 feet	2.90	25.00	----
3 to 4 feet	3.50	30.00	----
4 to 5 feet	4.50	40.00	----

Hansen Bush Cherry. 4-5 ft.

An improved *Prunus besseyi*; very productive and extremely hardy.

12 to 18 inches, transplants, branched	.80	7.00	----
18 to 24 inches, " " "	1.20	10.00	----
2 to 3 feet, " " "	1.70	14.00	----
3 to 4 feet, " " "	2.10	18.00	----

Newport, Purple Leaved. (Bush form). 15-20 ft.

Hardy, upright grower. Foliage reddish purple with bright red tips.

18 to 24 inches	2.40	20.00	----
2 to 3 feet	2.90	25.00	----
3 to 4 feet	3.50	30.00	----
4 to 5 feet	4.50	40.00	----
5 to 6 feet	5.50		----

Pennsylvanica, Pin Cherry. 25-40 ft.

Small tree with showy white flowers, April-May. Cherry-red fruit.

5 to 6 feet	5.00	----	----
6 to 8 feet	7.50	----	----
8 to 10 feet	10.00	----	----
1½ to 2 inches	13.50	----	----

Persica, Red Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

3 to 4 feet	2.40	20.00	----
4 to 5 feet	3.50	30.00	----
5 to 6 feet	4.50	40.00	----

Serotina, Wild Black Cherry. 40-50 ft.

A native of the Middle West. White flowers in May followed by small black cherries borne in clusters.

5 to 6 feet	3.00	----	----
6 to 8 feet	4.00	35.00	----
8 to 10 feet	5.50	50.00	----
1½ to 2 inches	7.50	----	----
2 to 2½ inches	12.50	----	----

Tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

2 to 3 feet	2.90	25.00	----
3 to 4 feet	4.00	35.00	----

Triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

18 to 24 inches (On Native Plum)	2.50	22.00	----
2 to 3 feet " " "	3.20	28.00	----
3 to 4 feet " " "	4.00	35.00	----
4 to 5 feet " " "	5.00	45.00	----

DECIDUOUS TREES—Continued

PRUNUS, Ornamental Plum—Continued**Virginiana, Common Chokecherry, Red or Black. 20-30 ft.**

Bush or small tree with rough, speckled bark with strong odor when bruised. Red or black fruit.			
	Per 10	Per 100	Per 1000
4 to 5 feet	\$ 2.50	\$ ----	\$ ----
5 to 6 feet	3.50	----	----
6 to 8 feet	5.00	----	----
8 to 10 feet	8.00	----	----

PTELEA, trifoliata, Common Hoptree. (Wafer Ash). 10-12 ft.

Has clusters of seed pods that look and smell like hops.

4 to 5 feet	4.00	35.00	----
5 to 6 feet	5.00	45.00	----
6 to 8 feet	6.50	60.00	----
8 to 10 feet	8.00	75.00	----

RED BUD, American, Cercis canadensis. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

2 to 3 feet	2.40	20.00	----
3 to 4 feet	3.50	30.00	----
4 to 5 feet	4.50	40.00	----
5 to 6 feet	5.50	50.00	----
6 to 8 feet	8.00	75.00	----

RUSSIAN OLIVE, Elaeagnus angustifolia. 20-25 ft.

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

3 to 4 feet	2.10	18.00	----
4 to 5 feet	2.70	24.00	----
5 to 6 feet	3.50	30.00	----
6 to 8 feet	5.00	45.00	----
8 to 10 feet	7.50	----	----
1½ to 2 inches	10.00	----	----

For smaller sizes see Elaeagnus under Shrubs.

SYCAMORE or American Planetree, Platanus occidentalis. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

5 to 6 feet	3.50	30.00	----
6 to 8 feet	5.50	50.00	----
8 to 10 feet	8.00	75.00	----
1¼ to 1½ inches	9.00	85.00	----
1½ to 1¾ inches	13.00	120.00	----
2 to 2½ inches	18.00	----	----
3 to 3½ inches	27.50	----	----

THORN, Crataegus coccinea, Thicket Hawthorn. 20-25 ft.

Bushy tree, white flowers, dull red fruit.

3 to 4 feet	5.50	50.00	----
4 to 5 feet	8.50	80.00	----
5 to 6 feet	12.00	110.00	----
6 to 8 feet	19.00	175.00	----

Cordata, Washington Hawthorn. 20-25 ft.

Bright red fruit, brilliant autumn foliage.

3 to 4 feet	5.50	50.00	----
4 to 5 feet	8.50	80.00	----
5 to 6 feet	12.00	110.00	----
6 to 8 feet	16.50	150.00	----
8 to 10 feet	22.00	200.00	----
1½ to 2 inches	25.00	----	----
2 to 2½ inches	30.00	----	----

DECIDUOUS TREES—Continued

THORN, Crataegus—Continued

Crusgalli, Cockspur Thorn. 15-18 ft.

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit. Long thorns.

	Per 10	Per 100	Per 1000
3 to 4 feet.....	\$5.50	\$50.00	\$
4 to 5 feet.....	8.50	80.00	.....
5 to 6 feet.....	12.00	110.00	.....
6 to 8 feet.....	19.00	175.00	.....

English Hawthorn, oxycantha. 12-15 ft.

A small shrubby tree. Single white blooms in the spring.

3 to 4 feet.....	5.00	45.00	.....
4 to 5 feet.....	7.00	65.00	.....
5 to 6 feet.....	10.00	90.00	.....
6 to 8 feet.....	12.50	.....	.....
8 to 10 feet.....	17.50	.....	.....
1½ to 2 inches.....	25.00	.....	.....

Mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

3 to 4 feet.....	4.50	40.00	.....
4 to 5 feet.....	6.50	60.00	.....
5 to 6 feet.....	10.00	90.00	.....
6 to 8 feet.....	14.00	125.00	.....
8 to 10 feet.....	16.50	150.00	.....
1½ to 2 inches.....	25.00	225.00	.....
2 to 2½ inches.....	30.00	.....	.....

Paul's Scarlet Hawthorn, oxycantha pauli. 15-20 ft.

Produces brilliant double scarlet flowers in June.

4 to 5 feet.....	8.00	75.00	.....
5 to 6 feet.....	10.00	90.00	.....
6 to 8 feet.....	13.00	120.00	.....

Punctata, Dotted Hawthorn. 25-30 ft.

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

3 to 4 feet.....	5.50	50.00	.....
4 to 5 feet.....	8.50	80.00	.....
5 to 6 feet.....	12.00	110.00	.....
6 to 8 feet.....	19.00	175.00	.....

Prunifolia, Plumleaf Hawthorn. 30 ft.

Branches spreading or somewhat ascending, spiny. Fruit, red. May, June.

3 to 4 feet.....	5.50	.....	.....
4 to 5 feet.....	8.50	80.00	.....
5 to 6 feet.....	12.00	110.00	.....
6 to 8 feet.....	17.50	.....	.....

Red Haw (Native). 25-30 ft.

White flowers, scarlet fruit in October.

3 to 4 feet.....	4.50	40.00	.....
4 to 5 feet.....	6.50	60.00	.....
5 to 6 feet.....	10.00	90.00	.....
6 to 8 feet.....	14.00	125.00	.....

DECIDUOUS TREES—Continued

TULIPTREE, *Liriodendron tulipifera*. 100-150 ft.

Rapid growing, beautiful ornamental tree. Large tulip-like flowers.

	Per 10	Per 100	Per 1000
5 to 6 feet	\$6.00	\$	\$
6 to 8 feet	9.00	.....	.....

WALNUT, Black, *Juglans nigra*. 80-100 ft.

Valuable tree for the wood and nuts.

4 to 5 feet	2.90	25.00	.....
5 to 6 feet	4.00	35.00	.....
6 to 8 feet	5.50	50.00	.....
8 to 10 feet	8.00	75.00	.....
1½ to 2 inches	14.00	125.00	.....
2 to 2½ inches	16.50	150.00	.....

WILLOW, *Salix****Babylonica*, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

4 to 5 feet	2.90	25.00	.....
5 to 6 feet	4.00	35.00	.....
6 to 8 feet	5.50	50.00	.....
8 to 10 feet	8.00	75.00	.....

Corkscrew Willow, *matsudana tortuosa*. 18-20 ft.

An erect growing willow, in a fairly round shape, with long narrow leaves. The branches have a decided twist to them.

6 to 8 feet	5.00	.....	.....
8 to 10 feet	7.50	.....	.....

Laurel leaved, *pentandra*. 30-40 ft.

Hardy, upright grower with large, dark green leaves.

5 to 6 feet	2.90	25.00	.....
6 to 8 feet	4.00	35.00	.....

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

3 to 4 feet	1.80	15.00	.....
4 to 5 feet	2.40	20.00	.....
5 to 6 feet	4.00	35.00	.....
6 to 8 feet	6.50	60.00	.....
8 to 10 feet	9.00	85.00	.....

Pussy, *discolor*. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

18 to 24 inches	1.20	10.00	.....
2 to 3 feet	1.80	15.00	.....
3 to 4 feet	2.40	20.00	.....
4 to 5 feet	2.90	25.00	.....
5 to 6 feet	4.00	35.00	.....

Russian Golden, *vitellina aurea*. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

4 to 5 feet	1.70	14.00	.....
5 to 6 feet	2.40	20.00	.....
6 to 8 feet	3.50	30.00	.....
8 to 10 feet	5.00	.....	.....

Wisconsin Weeping, *blanda*. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

3 to 4 feet	1.80	15.00	.....
4 to 5 feet	2.40	20.00	.....
5 to 6 feet	3.50	30.00	.....
6 to 8 feet	5.50	50.00	.....
8 to 10 feet	8.00	75.00	.....
1¼ to 1½ inches	11.00	100.00	.....

ORNAMENTAL SHRUBS

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well furnished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX pentaphyllum, Five leaf Aralia. 5-10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$1.70	\$14.00	\$
2 to 3 feet.....	2.10	18.00	.....
3 to 4 feet.....	2.90	25.00	.....

ALMOND, Pink Flowering, *Prunus glandulosa sinensis*. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

12 to 18 inches, Own Root.....	1.90	16.00	.....
18 to 24 inches, " ".....	2.40	20.00	.....
2 to 3 feet, " ".....	2.80	24.00	220.00
2½ to 3 feet, heavy " ".....	3.00	27.00	250.00
3 to 3½ feet " ".....	3.50	30.00	275.00

White Flowering, *Prunus glandulosa albiplena*. 5-6 ft.

Double white flowering variety.

2 to 3 feet.....	3.50	30.00	.....
3 to 3½ feet.....	4.00	35.00	.....

ALTHEA, *Hibiscus syriacus*. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red and white.

12 to 18 inches.....	.80	7.00	.....
18 to 24 inches.....	1.20	10.00	.....
2 to 3 feet.....	1.80	15.00	.....
3 to 4 feet.....	2.40	20.00	.....

d—Double

Anemonaeflorus, d pink

Ardens, d purple

Boule de Feu, d red

Jean d'Arc, d white

Lady Stanley, d blush white

s—Single

Lucy, d red

Pom Pom Rouge, d red

Purple, semi-double

Rose, double

Rubis, s red

Snowdrift, s white

AMELANCHIER, canadensis, Juneberry (Downy Shadblow). 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.90	\$16.00	\$
18 to 24 inches.....	2.50	22.00	.....
2 to 3 feet.....	3.50	30.00	.....

AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

2 to 3 feet.....	1.80	15.00	.....
3 to 4 feet.....	2.40	20.00	.....
4 to 5 feet.....	2.90	25.00	.....
5 to 6 feet.....	4.00	35.00	.....

ORNAMENTAL SHRUBS—Continued

ARONIA arbutifolia, Red Chokeberry. 8-10 ft.

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.20	\$10.00	\$.....
18 to 24 inches.....	1.70	14.00	120.00
2 to 3 feet.....	2.40	20.00	180.00
3 to 3½ feet.....	3.50	30.00	-----

Melanocarpa, Black Chokeberry. 6-8 ft.

Attractive white flowers, smooth foliage, with black shiny fruit in autumn.

	1.20	10.00	-----
12 to 18 inches.....	1.20	10.00	-----
18 to 24 inches.....	1.70	14.00	120.00
2 to 3 feet.....	2.10	18.00	160.00
3 to 4 feet.....	2.90	25.00	-----

BARBERRY**Thunbergi, Japanese Barberry. 4-5 ft.**

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

	.40	3.50	30.00
9 to 12 inches.....	.40	3.50	30.00
12 to 15 inches.....	.60	5.00	45.00
15 to 18 inches.....	.80	7.00	60.00
18 to 24 inches.....	1.10	9.00	80.00
2 to 2½ feet.....	1.50	13.00	110.00
2½ to 3 feet.....	2.10	18.00	-----

See Hedging for Seedlings and smaller grades.

Box, Berberis Japanese, minor. 2-3 ft.

Dwarf form of Japanese Barberry. Fine for low hedges or borders.

	.95	8.00	-----
9 to 12 inches.....	.95	8.00	-----
12 to 15 inches.....	1.40	12.00	-----
15 to 18 inches.....	1.90	16.00	-----
18 to 24 inches.....	2.40	20.00	-----
2 to 2½ feet.....	2.90	25.00	-----

Red Leaved, atropurpurea. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

	.65	5.50	50.00
9 to 12 inches.....	.65	5.50	50.00
12 to 15 inches.....	1.10	9.00	80.00
15 to 18 inches.....	1.70	14.00	120.00
18 to 24 inches.....	2.10	18.00	160.00
2 to 2½ feet.....	2.50	22.00	-----

See Hedging for Seedlings and smaller grades.

BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry Mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

Size	Wholesale Prices, Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
12 to 15 inches.....	\$2.50	\$18.00	\$.....	\$1.40	\$4.00	\$25.00
15 to 18 inches.....	3.00	20.00	-----	1.50	4.50	30.00
18 to 24 inches.....	3.50	25.00	-----	2.00	6.00	40.00
24 to 30 inches.....	4.00	30.00	-----	2.60	7.25	50.00

ORNAMENTAL SHRUBS—Continued

TRUEHEDGE COLUMNBERRY**Var. Berberis Thunbergi, erecta**

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

Size	Wholesale Prices, Net			Retail Resale Prices			
	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
12 to 15 inches	\$1.50	\$12.00	\$ ----	\$0.32	\$1.25	\$5.00	\$17.50
15 to 18 inches	1.70	14.00	125.00	.37	1.45	6.00	21.00
18 to 24 inches	2.00	16.00	140.00	.40	1.60	6.75	24.00
2 to 2½ feet	2.50	20.00	180.00	.50	1.90	8.25	30.00

BUCKTHORN, Rhamnus alpina. 10 ft.

Stout, upright grower with reddish brown branches and large dark green leaves.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$1.40	\$ ----	\$ ----
3 to 4 feet.....	2.10	18.00	----
4 to 5 feet.....	2.90	25.00	----

Cathartica, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

12 to 18 inches.....	.65	5.50	50.00
18 to 24 inches.....	.95	8.00	70.00
2 to 3 feet.....	1.20	10.00	----
3 to 4 feet.....	1.70	14.00	----

Frangula, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.

2 to 3 feet.....	2.00	----	----
3 to 4 feet.....	2.50	----	----

Korean. 8-10 ft.

A hardy, vigorous grower with large dark green leaves. Foliage very attractive; produces an abundance of black fruit.

2 to 3 feet.....	1.40	12.00	----
3 to 4 feet.....	1.90	16.00	----

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.**Alternifolia.**

Lilac purple flowers borne on long, arching branches. Beautiful foliage. The hardiest of all varieties of Butterfly Bush.

Medium	1.40	12.00	----
No. 1	1.80	15.00	----

Farquhar. 5-6 ft.

Lavender pink flowers with orange center; fragrant.

Medium	1.30	11.00	----
No. 1	1.70	14.00	----

Fortune (Plant Patent No. 206). 4-6 ft.

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retail at 75c each, \$7.50 per doz.)

No. 1	4.00	25.00	----
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Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

Medium	1.30	11.00	----
No. 1	1.70	14.00	----

ORNAMENTAL SHRUBS—Continued

BUDDLEIA—New Varieties.		Per 10	Per 100	Per 1000
Well established 2¼-inch pot plants.....		\$1.40	\$12.00	\$-----
No. 1, dormant plants.....		1.80	15.00	-----
Charming	Long sprays covered with lavender-pink blooms which compared to other varieties, are distinctly pink. Has exceptional value for house decoration.			
Concord	A new dark red Buddleia with blood-red eye shading lighter to edge of petals. Strong spikes.			
Dubonnet	A new, dark wine, dubonnet colored Buddleia with firm, large spikes and individual flowers of good size that do not sunburn.			
Eleanor	Eleanor-blue with orange eye with full, rounded flower heads. Very compact and individual flowers of good size. Dwarf.			
		Per 10	Per 100	Per 1000
Well established 2¼-inch pot plants.....		\$1.80	\$15.00	\$-----
No. 1, dormant plants.....		2.10	18.00	-----
Hartwegi. 4-5 ft.	A thrifty, compact Butterfly Bush with heavy, dark green foliage and bright lavender flowers good for cutting.			
Orchid Beauty	An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.			

PINK DAWN

A Mount Arbor introduction—cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire Summer and Autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

	Per 10	Per 100	Per 1000
Well established 2¼-inch pot plants.....	\$2.90	\$25.00	\$-----

ROYAL RED

Patent Applied For

A truly red flowering Butterfly Bush producing an abundance of rich, red panicles. The foliage is deep leathery green. Per 10 Per 100 Per 1000

Well established 2¼-inch Pot Plants.....	\$3.00	\$25.00	\$-----
(Recommended retail prices — 75¢ each; 2 for \$1.25)			

CALLICARPA purpurea, Chinese Beautyberry. 3-6 ft.

	Per 10	Per 100	Per 1000
Clusters of attractive purple berries in the fall.			
12 to 18 inches.....	\$1.40	\$12.00	\$-----
18 to 24 inches.....	1.90	16.00	-----
2 to 3 feet.....	2.50	22.00	-----

CALYCANTHUS floridus, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	1.70	14.00	-----
2 to 3 feet.....	2.10	18.00	-----
3 to 4 feet.....	2.90	25.00	-----

CARAGANA arborescens, Siberian Pea-Tree. 12-15 ft.

Very hardy. Yellow flowers in May-June.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	.45	4.00	35.00
18 to 24 inches.....	.95	8.00	70.00
2 to 3 feet.....	1.40	12.00	100.00
3 to 4 feet.....	1.90	16.00	-----
4 to 5 feet.....	2.90	25.00	-----

ORNAMENTAL SHRUBS—Continued

CEPHALANTHUS occidentalis, Buttonbush. 5-6 ft.

Attractive foliage with round heads of creamy white flowers. July-September.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$1.20	\$10.00	\$
2 to 3 feet.....	1.70	14.00	.....
3 to 4 feet.....	2.10	18.00	.....
4 to 5 feet.....	2.90	25.00	.....
5 to 6 feet.....	3.50	.....	.....

CHIONANTHUS virginica, White Fringe. 25 ft.

Large glossy leaves, white fragrant flowers, May-June.

2 to 3 feet.....	4.50	----	-----
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CLETHRA, alnifolia, Summersweet. 4-6 ft.

Spikes of fragrant flowers, July-September. Prefers moist shady location. Also called Sweet Pepper Bush.

18 to 24 inches.....	2.90	25.00	-----
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CORNUS, Dogwood**Alba Siberica, Coral Dogwood. 10-12 ft.**

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

12 to 18 inches.....	.95	8.00	-----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.40	20.00	-----
4 to 5 feet.....	2.90	25.00	-----

Elegantissima, Silverblotch Dogwood, Variegated Leaves. 6-8 ft.

Silver variegated leaves, bright red bark. Very attractive.

12 to 18 inches.....	2.10	18.00	-----
18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	4.00	35.00	-----

Florida, White Flowering Dogwood. 15-20 ft.

Flowering tree producing white flowers, foliage turns dark red in autumn.

2 to 3 feet.....	4.00	----	-----
3 to 4 feet.....	6.00	----	-----
4 to 5 feet.....	9.00	----	-----

Florida Rubra, Red Flowering Dogwood. 15-20 ft.

Variety of Cornus Florida with bright pink flowers.

2 to 3 feet (Balled in Moss).....	10.00	----	-----
3 to 4 feet (Balled in Moss).....	15.00	----	-----

Goldentwig, stolonifera lutea. 8-10 ft.

Distinct yellow bark, has fine winter effect.

12 to 18 inches.....	1.10	9.00	-----
18 to 24 inches.....	1.70	14.00	-----
2 to 3 feet.....	2.10	18.00	160.00
3 to 4 feet.....	2.50	22.00	-----

Mas, Cornelian Cherry. 20-25 ft.

Dense growth with glossy foliage. Attractive in early spring with its yellow flowers and in fall with its shining scarlet fruits.

2 to 3 feet.....	2.90	25.00	-----
3 to 4 feet.....	4.00	35.00	-----

Paniculata, Gray Dogwood. 10-12 ft.

White flowers in May followed by white fruit.

18 to 24 inches.....	1.90	16.00	-----
2 to 3 feet.....	2.40	20.00	-----
3 to 4 feet.....	3.20	28.00	-----
4 to 5 feet.....	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued

CORNUS, Dogwood—Continued

Sanguinea, Bloodtwig Dogwood. 10-12 ft.

Beautiful glossy red branches, greenish-white flowers. May-June.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$1.40	\$12.00	\$
2 to 3 feet.....	1.90	16.00	

Stolonifera, Red-Osier Dogwood. 15-20 ft.

Dark wine colored branches. Dull white flowers. May-June. White berries.

12 to 18 inches.....	.80	7.00	
18 to 24 inches.....	1.20	10.00	
2 to 3 feet.....	1.70	14.00	
3 to 4 feet.....	2.10	18.00	160.00
4 to 5 feet.....	2.90	25.00	

CORYLUS americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

12 to 18 inches.....	1.80	15.00	
18 to 24 inches.....	2.40	20.00	
2 to 3 feet.....	3.20	28.00	
3 to 4 feet.....	3.50		

COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

12 to 18 inches.....	1.40	12.00	
18 to 24 inches.....	1.90	16.00	140.00
2 to 3 feet.....	2.40	20.00	180.00
3 to 4 feet.....	3.20	28.00	

Divaricata, Spreading Cotoneaster. 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

12 to 18 inches (B&B 10c extra).....	2.40	20.00	
18 to 24 inches (B&B 15c extra).....	3.50	30.00	
2 to 3 feet (B&B 20c extra).....	4.50	40.00	
3 to 4 feet (B&B 25c extra).....	7.00	65.00	

Wilsoni, Wilsons Cotoneaster. 5 ft.

Small box-like leaves and red berries. Foliage nearly evergreen.

18 to 24 inches (B&B 15c extra).....	4.00	35.00	
2 to 3 feet (B&B 20c extra).....	5.00	45.00	
3 to 4 feet (B&B 25c extra).....	7.50		

CYDONIA japonica, Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

12 to 18 inches.....	1.20	10.00	
18 to 24 inches.....	1.90	16.00	140.00
2 to 3 feet.....	2.40	20.00	
3 to 3½ feet.....	3.20	28.00	

DAPHNE CNEORUM, Garland Flower. 2 ft.

An interesting Evergreen shrub. Attractive rose-pink flowers. April-May.

9 to 12 inches, B&B.....	5.50	50.00	
12 to 15 inches, B&B.....	7.50	70.00	

DESMODIUM (See lespedeza)**DEUTZIA gracilis, Slender Deutzia. 3 ft.**

Dwarf, blooms freely. Small pure white flowers. May.

9 to 12 inches.....	1.70	14.00	
12 to 15 inches.....	2.40	20.00	
15 to 18 inches.....	2.90	25.00	

Lemoine Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.

12 to 18 inches.....	1.70	14.00	
18 to 24 inches.....	2.40	20.00	
2 to 2½ feet.....	2.90	25.00	

ORNAMENTAL SHRUBS—Continued

DEUTZIA—Continued**Pride of Rochester. 10-12 ft.**

Strong grower, free bloomer, double white flowers tinged pink.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$0.95	\$ 8.00	\$-----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	2.00	17.00	150.00
3 to 4 feet.....	2.40	20.00	180.00

Scabra Plena, Double Rose .6-7 ft.

Vigorous growth; free flowering. Produces an abundance of double, fringy, pink flowers.

18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.40	20.00	-----

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.
(For larger sizes—see Russian Olive under Deciduous Trees.)

12 to 18 inches.....	.50	4.50	40.00
18 to 24 inches.....	.95	8.00	70.00
2 to 3 feet.....	1.40	12.00	100.00
3 to 4 feet.....	2.10	18.00	150.00

ELDER American, Sambucus canadensis. 8-10 ft.

Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.

12 to 18 inches.....	.95	8.00	-----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.40	20.00	-----

Cutleaf American acutiloba. 8-10 ft.

Dark green fern-like leaves, finely cut. White flowers, May-June.

12 to 18 inches.....	.95	8.00	-----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.40	20.00	-----
4 to 5 feet.....	2.90	25.00	-----

Golden American, canadensis aurea. 10-12 ft.

Hardy rapid growing shrub with outstanding yellow foliage.

18 to 24 inches.....	1.70	14.00	-----
2 to 3 feet.....	2.10	18.00	-----
3 to 4 feet.....	2.90	25.00	-----

Pubens, Scarlet Elder. 8 ft.

Native, hardy northern shrub. White flowers in June and red fruit, June-August.

18 to 24 inches.....	2.10	18.00	-----
2 to 3 feet.....	2.90	25.00	-----
3 to 4 feet.....	3.50	-----	-----

EUONYMUS Alatus Compacta, Dwarf Winged Euonymus. 4-6 ft.

Dwarf, compact form of the type. Splendid for hedges.

18 to 24 inches.....	6.00	-----	-----
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Atropurpureus, Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

12 to 18 inches.....	1.70	14.00	-----
18 to 24 inches.....	2.10	18.00	-----
2 to 3 feet.....	2.90	25.00	-----
3 to 4 feet.....	3.50	-----	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

Bungeanus, Winterberry. 15 ft.

Very attractive for its large freely produced pink fruit.

	Per 10	Per 100	Per 1000
18 to 24 inches	\$2.10	\$18.00	\$
2 to 3 feet	2.90	25.00	.....
3 to 4 feet	3.50	.....	.....

European, Burningbush, europaeus. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in autumn.

18 to 24 inches	2.10	18.00	.....
2 to 3 feet	2.90	25.00	.....
3 to 4 feet	3.50	30.00	.....

Yedoensis, Yeddo Euonymus. 12-15 ft.

Large shrub with masses of pink and orange four lobed fruit.

18 to 24 inches	2.10	18.00	.....
2 to 3 feet	2.90	25.00	.....

EXOCHORDA grandiflora (Pearl Bush). 8-10 ft.

Dazzling white flowers in May. Attractive foliage.

18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....
3 to 4 feet	2.90	25.00	.....
4 to 5 feet	4.00	35.00	.....
5 to 6 feet	4.50	40.00	.....

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

12 to 18 inches .....	.95	8.00	.....
18 to 24 inches	1.40	12.00	.....
2 to 3 feet	1.90	16.00	.....
3 to 4 feet	2.40	20.00	.....

Intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

12 to 18 inches .....	.95	8.00	.....
18 to 24 inches	1.40	12.00	.....
2 to 3 feet	1.90	16.00	.....
3 to 4 feet	2.40	20.00	.....

Intermedia Spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

12 to 18 inches .....	.95	8.00	.....
18 to 24 inches	1.40	12.00	.....
2 to 3 feet	1.90	16.00	.....
3 to 4 feet	2.40	20.00	.....

Suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

12 to 18 inches	1.20	10.00	.....
18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....
3 to 4 feet	2.90	25.00	.....

Suspensa Variegata, Goldblotch Forsythia. 6-8 ft.

Similar to Suspensa but with variegated foliage.

18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....
3 to 4 feet	2.90	25.00	.....

HALESIA tetraptera, Great Silverbell. 12-15 ft.

Snow-white, bell shaped flowers in May, profusely borne along the branches.

18 to 24 inches	2.10	18.00	.....
2 to 3 feet	2.90	25.00	.....
3 to 4 feet	4.00	35.00	.....

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE, *Lonicera***Bella Albida, White Belle Honeysuckle. 10-12 ft.**

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.10	\$ 9.00	\$ 80.00
18 to 24 inches.....	1.70	14.00	120.00
2 to 3 feet.....	2.10	18.00	150.00
3 to 4 feet.....	2.40	20.00	180.00
4 to 5 feet.....	2.90	25.00	-----

Fragrantissima, Winter Honeysuckle. 6-8 ft.

Fragrant white flowers, March-April. Nearly evergreen, semi-hardy.

12 to 18 inches.....	1.20	10.00	-----
18 to 24 inches.....	1.70	14.00	-----
2 to 3 feet.....	2.10	18.00	-----
3 to 4 feet.....	2.90	25.00	-----

Grandiflora Rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright honeysuckles. Hardy, strong, upright grower.

12 to 18 inches.....	1.10	9.00	80.00
18 to 24 inches.....	1.70	14.00	120.00
2 to 3 feet.....	2.10	18.00	150.00
3 to 4 feet.....	2.40	20.00	180.00

Korolkowi Floribunda, Broad Blueleaf Honeysuckle. 8-10 ft.

Broad blueleaf honeysuckle. Beautiful foliage, white flowers.

12 to 18 inches.....	2.10	18.00	-----
18 to 24 inches.....	2.90	25.00	-----

Morrow Honeysuckle, morrowi. 7-8 ft.

Spreading habit, attractive foliage. White flowers, May-June. Red berries.

12 to 18 inches.....	.95	8.00	-----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.40	20.00	-----

Pink Tatarian, *tatarica rosea*. 10-12 ft.

Hardy, vigorous grower. Pink flowers, April-May, red fruit.

12 to 18 inches.....	1.10	9.00	80.00
18 to 24 inches.....	1.70	14.00	120.00
2 to 3 feet.....	2.10	18.00	150.00
3 to 4 feet.....	2.40	20.00	180.00
4 to 5 feet.....	2.90	25.00	-----

Red Tatarian, *tatarica rubra*. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

12 to 18 inches.....	1.10	9.00	80.00
18 to 24 inches.....	1.70	14.00	120.00
2 to 3 feet.....	2.10	18.00	150.00
3 to 4 feet.....	2.40	20.00	180.00
4 to 5 feet.....	2.90	25.00	-----

HONEYSUCKLE (Also see Hedging)**HYDRANGEA *arborescens grandiflora*, Snowhill. 3-6 ft.**

Large, double white flowers June-July. Thrives in shady places.

12 to 18 inches.....	1.70	14.00	-----
18 to 24 inches.....	2.10	18.00	-----
2 to 3 feet.....	2.50	22.00	200.00
2½ to 3 feet, heavy.....	2.90	25.00	-----
3 to 3½ feet.....	3.50	30.00	-----

Paniculata Grandiflora, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn, July-October.

12 to 18 inches.....	1.70	14.00	120.00
18 to 24 inches.....	2.10	18.00	-----
2 to 3 feet.....	2.90	25.00	-----
2½ to 3 feet, heavy.....	3.20	28.00	-----
Tree Form, 2 to 3 feet.....	4.50	40.00	-----
“ “ 3 to 4 feet.....	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

HYPERICUM aureum, Golden St. Johnswort. 4 ft.

Hardy shrub with bright yellow flowers. July-August.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$1.70	\$14.00	\$
18 to 24 inches	2.10	18.00	.....
2 to 3 feet	2.90	25.00	.....

ILEX verticillata, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

12 to 18 inches	1.70	14.00	.....
18 to 24 inches	2.40	20.00	.....
2 to 3 feet	2.90	25.00	.....

KERRIA japonica, Single Kerria. 4 ft.

Beautiful, single, yellow flowers. June-September. Kills back in winter in this latitude.

18 to 24 inches	2.90	25.00	.....
2 to 2½ feet	3.50	30.00	.....
2½ to 3 feet, heavy	4.00	35.00	.....

Japonica flore-pleno, Double Kerria. 4 ft.

Similar to above variety with double flowers.

18 to 24 inches	2.90	25.00	.....
2 to 3 feet	4.00	35.00	.....
3 to 4 feet	5.00	.....	.....

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

18 to 24 inches	3.50	30.00	.....
2 to 3 feet	4.50	40.00	.....
2½ to 3 feet, heavy	5.00	45.00	.....

LESPEDeza, formosa, Purple Bushclover (Desmodium penduliflorum). 8 ft.

An herbaceous perennial shrub with attractive purple flowers in September.

2-year, Medium	1.40	12.00	.....
2-year, No. 1	1.90	16.00	.....
3-year, No. 1	2.40	20.00	.....

LILAC, Syringa. 12-15 ft.**French Lilacs, Named Varieties.**

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

18 to 24 inches	3.50	30.00	.....
2 to 3 feet	4.50	40.00	.....
3 to 4 feet	6.50	60.00	.....

s—Single

Alphonse Lavalley, d violet
 Belle de Nancy, d rose, white center
 Bleuatre, d purple
 Chas. Joly, d purple
 *Chas. X., s reddish purple
 Congo, s reddish purple
 Edith Cavell, d white
 French White, s white
 Gen. Pershing, d light blue
 Hugo Koster, s reddish purple
 Jacques Callot, s rosy pink
 La Tour d'Auvergne, d purple

*Prices 5c less on each grade.

d—Double

Lucie Baltet, s pink
 Ludwig Spaeth, s purple
 Mme. Abel Chatenay, d white
 Mme Casimir Perier, d white
 Mme. Lemoine, d white
 Marie Legraye, s white
 Michel Buchner, d dark lilac
 Mirabeau, s purple
 Mont Blanc, s white
 Pres. Grevy, d light blue
 Reaumur, s reddish-purple
 Waldeck-Rousseau, d violet
 Wm. Robinson, d deep purple

ORNAMENTAL SHRUBS—Continued



LILACS

A splendid block of Lilacs, well furnished plants.

LILAC, *Syringa*—Continued**Common Purple, *vulgaris*. 12-18 ft.**

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.30	\$11.00	\$ 90.00
18 to 24 inches.....	1.70	14.00	120.00
2 to 3 feet.....	2.10	18.00	160.00
3 to 4 feet.....	2.50	22.00	-----
4 to 5 feet.....	4.00	35.00	-----

Common White, *vulgaris alba*. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

12 to 18 inches.....	1.40	12.00	-----
18 to 24 inches.....	1.90	16.00	-----
2 to 3 feet.....	2.50	22.00	-----
3 to 3½ feet.....	3.50	-----	-----

Chinese, *rothomagensis*. 8-10 ft.

Generally grown and sold for Persian Lilac. Upright, vigorous grower, reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$2.10	\$18.00	\$150.00
2 to 3 feet.....	2.40	20.00	180.00
3 to 4 feet.....	2.80	24.00	220.00
4 to 5 feet.....	3.50	30.00	275.00
5 to 6 feet.....	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

LILAC, *Syringa*—Continued

Dr. Breitschneider. 8-10 ft.

Hardy upright grower. Large attractive leaves. Beautiful lavender flowers. Villosa type, blooms late.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.80	\$15.00	\$ ----
18 to 24 inches.....	2.40	20.00	-----
2 to 3 feet.....	2.90	25.00	-----

Josikaea, Hungarian Lilac. 8-10 ft.

Upright grower, attractive dark green foliage, dark violet flowers. June.

12 to 18 inches.....	1.80	15.00	-----
18 to 24 inches.....	2.40	20.00	-----
2 to 3 feet.....	2.90	25.00	-----

Persian Purple, persica. 8-10 ft.

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Chinese or Rothomagensis far superior.

18 to 24 inches.....	2.10	18.00	-----
2 to 3 feet.....	2.50	22.00	-----
3 to 4 feet.....	2.90	25.00	-----
4 to 5 feet.....	3.50	30.00	-----

Persian White, persica alba. 6-7 ft.

White flowering variety.

18 to 24 inches.....	2.40	20.00	-----
2 to 3 feet.....	2.90	25.00	-----

Rubra de Marley, vulgaris variety. 10-12 ft.

An improved strain of vulgaris lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

12 to 18 inches.....	1.40	12.00	-----
18 to 24 inches.....	1.90	16.00	140.00
2 to 3 feet.....	2.40	20.00	180.00
3 to 3½ feet.....	2.90	25.00	-----

Villosa, Late Lilac. 8-10 ft.

Bushy, compact grower. Large, attractive leaves, pale pink flowers, June.

12 to 18 inches.....	1.80	15.00	-----
18 to 24 inches.....	2.40	20.00	-----
2 to 3 feet.....	2.90	25.00	-----

PHILADELPHUS, Mockorange (*Syringa*)

Banniere. 8 ft.

New, early, semi-double, pure white. Blooms freely.

12 to 18 inches.....	1.80	15.00	-----
18 to 24 inches.....	2.40	20.00	-----
2 to 3 feet.....	2.90	25.00	-----

Bouquet Blanc. 4-5 ft.

Blooms freely in May and June. Very fragrant. Outstanding variety.

12 to 18 inches.....	1.70	14.00	-----
18 to 24 inches.....	2.40	20.00	-----
2 to 3 feet.....	2.90	25.00	-----

Coronarius, Sweet Mockorange (Garland Syringa). 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

12 to 18 inches.....	.95	8.00	-----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	140.00
3 to 4 feet.....	2.40	20.00	180.00
4 to 5 feet.....	2.90	25.00	-----
5 to 6 feet.....	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS, Mockorange (Syringa)—Continued

Gordon, gordonianus. 8-10 ft.

Slightly fragrant. Late blooming.	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$1.80	\$15.00	\$.....
3 to 4 feet.....	2.40	20.00	.....
4 to 5 feet.....	2.90	25.00	.....
5 to 6 feet.....	4.00	35.00	.....

Grandiflorus, Large Flowering Mockorange. 10-12 ft.

Hardy, vigorous, upright grower producing an abundance of large flowers, May-June. Not fragrant.

18 to 24 inches.....	1.20	10.00	.....
2 to 3 feet.....	1.80	15.00	.....
3 to 4 feet.....	2.40	20.00	.....

Lemoinei, Lemoine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

12 to 18 inches.....	1.10	9.00	.....
18 to 24 inches.....	1.70	14.00	120.00
2 to 3 feet.....	2.10	18.00	160.00
3 to 3½ feet.....	2.50	22.00	.....

Pyramidal. 10-12 ft.

Tall pyramidal grower. Semi-double flowers, May-June. Valuable.

18 to 24 inches.....	2.10	18.00	.....
2 to 3 feet.....	2.50	22.00	.....

Virginal. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

12 to 18 inches.....	2.10	18.00	.....
18 to 24 inches.....	2.90	25.00	.....
2 to 3 feet.....	3.50	30.00	.....
2½ to 3 feet, heavy.....	4.00	35.00	.....
3 to 3½ feet.....	4.50	40.00	.....



PHILADELPHUS VIRGINAL—Shenandoah Grown

Shrub headquarters offering a large assortment of popular varieties available in quantities in a range of sizes at attractive prices.

ORNAMENTAL SHRUBS—Continued

PHOTINIA villosa, Redberried Photinia. 8 ft.

Flowers white, June. Rich, scarlet berries profusely borne in autumn. Splendid foliage for color and texture.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$1.80	\$15.00	\$.....
2 to 3 feet.....	2.40	20.00	.....

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	1.80	15.00	.....
3 to 4 feet.....	2.40	20.00	.....
4 to 5 feet.....	2.90	25.00	.....

Goldleaf Ninebark (Spirea aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	1.90	16.00	140.00
3 to 4 feet.....	2.40	20.00	180.00
4 to 5 feet.....	2.90	25.00	.....

Opulifolius Nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers, May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

12 to 18 inches.....	1.40	12.00	.....
18 to 24 inches.....	1.70	14.00	.....
2 to 3 feet.....	2.10	18.00	160.00
3 to 4 feet.....	2.50	22.00	200.00

PRIVET—Ligustrum**Amoor North, amurense. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

	Per 10	Per 100	Per 1000
9 to 12 inches, branched.....	\$.....	\$ 2.50	\$ 22.00
12 to 18 inches, 2 canes.....	3.50	30.00
12 to 18 inches, 3 canes.....	4.00	35.00
18 to 24 inches, 2 canes.....	4.00	35.00
18 to 24 inches, 3 canes and up.....	5.00	45.00
2 to 3 feet, 2 and 3 canes.....	5.00	45.00
2 to 3 feet, 4 canes and up.....	6.50	55.00
3 to 4 feet, 4 canes and up.....	8.00	70.00
3 to 4 feet, 5 canes and up.....	9.00	80.00

California, ovalifolium. 12-15 ft.

An attractive, popular hedge plant.

12 to 18 inches, 3 canes and up.....	3.20	28.00	
18 to 24 inches, 3 canes and up.....	4.00	35.00	
2 to 3 feet, 4 canes and up.....	5.50	50.00	
3 to 4 feet, 5 canes and up.....	8.00	70.00	

European, vulgare. 10-12 ft.

Dark green foliage, creamy white flowers. June-July. Blue-black berries.

12 to 18 inches.....	4.50	40.00	
18 to 24 inches.....	6.50	55.00	
2 to 3 feet.....	8.50	75.00	

ORNAMENTAL SHRUBS—Continued

PRIVET—Continued

Ibolium, Hardy California. 8-10 ft.

Upright, vigorous, with foliage similar to California but much hardier.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ ----	\$ 3.20	\$ 28.00
18 to 24 inches.....	----	4.00	35.00
2 to 3 feet.....	----	5.50	50.00
3 to 4 feet.....	----	8.00	70.00

Ibota. 8-10 ft.

Spreading habit. Blooms freely June-July. Attractive black berries.

12 to 18 inches.....	----	4.00	----
18 to 24 inches.....	----	6.50	55.00
2 to 3 feet.....	----	8.50	75.00

Lodense. 2½ ft.

Very compact, dwarf form.

9 to 12 inches.....	----	10.00	----
12 to 15 inches.....	----	15.00	----

Regal. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

12 to 18 inches.....	----	10.00	90.00
18 to 24 inches.....	----	19.00	160.00
2 to 2½ feet.....	----	27.00	240.00
2½ to 3 feet.....	----	33.00	300.00
3 to 3½ feet.....	----	40.00	----

PRUNUS, Ornamental Plums. (See Deciduous Trees.)**PURPLE FRINGE. (See Rhus.)****RHODOTYPOS kerrioides, Jetbead (White Kerria). 4-5 ft.**

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.70	\$14.00	\$ ----
18 to 24 inches.....	2.10	18.00	----
2 to 3 feet.....	2.50	22.00	----
3 to 4 feet.....	3.50	30.00	----

RHUS canadensis, Fragrant Sumac. (Aromatica). 5-6 ft.

Aromatic shrub. Small yellowish flowers, April-May, followed by red berries.

12 to 18 inches.....	1.80	15.00	----
18 to 24 inches.....	2.40	20.00	----
2 to 3 feet.....	2.90	25.00	----
3 to 4 feet.....	4.00	35.00	----

Cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers, July-August, making a fine specimen.

12 to 18 inches.....	2.40	20.00	----
18 to 24 inches.....	3.20	28.00	----
2 to 3 feet.....	4.50	40.00	----
3 to 4 feet.....	5.50	50.00	----
4 to 5 feet.....	6.50	60.00	----
5 to 6 feet.....	8.00	----	----

Glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries, August-September.

18 to 24 inches.....	1.40	12.00	100.00
2 to 3 feet.....	1.90	16.00	140.00
3 to 4 feet.....	2.40	20.00	180.00
4 to 5 feet.....	2.70	24.00	220.00

ORNAMENTAL SHRUBS—Continued

RHUS—Continued

Shredded or Fern-Leaved Sumac, *typhina laciniata*. 10-12 ft.

Rapid grower, attractive, long feathery leaves finely cut.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$1.90	\$16.00	\$.....
2 to 3 feet.....	2.40	20.00	.....
3 to 4 feet.....	3.20	28.00	.....

***Typhina*, Staghorn Sumac. 15-25 ft.**

Greenish flowers in dense terminal panicles, clusters of crimson berries.

18 to 24 inches.....	1.40	12.00	.....
2 to 3 feet.....	1.90	16.00	.....
3 to 4 feet.....	2.40	20.00	.....
4 to 5 feet.....	2.90	25.00	.....
5 to 6 feet.....	3.50	.....	.....

RIBES alpinum, Mountain Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers, April-May. Scarlet fruit.

12 to 15 inches.....	2.10	18.00	.....
15 to 18 inches.....	2.50	22.00	.....
18 to 24 inches.....	3.20	28.00	.....

Odoratum, Golden Currant (*Aureum*). 6-8 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.

18 to 24 inches.....	2.50	22.00	.....
2 to 3 feet.....	3.20	28.00	.....
3 to 4 feet.....	2.90	25.00	.....

ROSE ACACIA, *Robinia hispida*, (Grafted Stock). 6-8 ft.

Branches covered with rosy pink, attractive flowers, April-May.

18 to 24 inches.....	2.50	22.00	.....
2 to 3 feet.....	3.20	28.00	.....
3 to 4 feet.....	4.00	35.00	.....

Idahoensis, *Robinia hispida idahoensis*. 10-15 ft.

A darker rose pink, almost red, flowering variety.

2 and 3 feet.....	3.50	30.00	.....
3 and 4 feet.....	4.50	40.00	.....

SNOWBALL. (See *Viburnum*)**SOKEARIA, *sorbifolia*, Ural False Spirea. 5-3 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers, June-July.

12 to 18 inches.....	.95	8.00	.....
18 to 24 inches.....	1.40	12.00	100.00
2 to 3 feet.....	1.90	16.00	140.00
3 to 4 feet.....	2.40	20.00	.....

Stellipila, Starry False Spirea. 5-6 ft.Handsome, upright shrub with attractive bright green foliage blooming similar but shortly after *sorbifolia*. Carries better foliage. July.

2 to 3 feet.....	1.90	16.00	.....
3 to 4 feet.....	2.40	20.00	.....

SPIREA, Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

9 to 12 inches.....	.95	8.00	.....
12 to 15 inches.....	1.40	12.00	.....
15 to 18 inches.....	2.10	18.00	.....
18 to 24 inches.....	2.90	25.00	.....

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Arguta, Garland Spirea. 5-6 ft.

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$0.80	\$ 7.00	\$
18 to 24 inches	1.20	10.00	.....
2 to 3 feet	1.70	14.00	.....
3 to 3½ feet	2.10	18.00	.....

Billiard Spirea, billiardi. 5-6 ft.

Bright pink flowers in spikes, July-September.

12 to 18 inches .....	.80	7.00	.....
18 to 24 inches	1.30	11.00	90.00
2 to 3 feet	1.70	14.00	120.00
3 to 4 feet	2.10	18.00	.....

Bumalda Superba. 3-5 ft.

Dwarf variety. Vigorous and hardy as Froebel; more upright. Bright pink flowers, beautiful purplish foliage, in autumn.

12 to 18 inches .....	.95	8.00	.....
18 to 24 inches	1.40	12.00	.....
2 to 2½ feet	1.90	16.00	.....

Froebel Spirea. 4 ft.

Vigorous, spreading grower. Bright pink flowers, May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

9 to 12 inches .....	.95	8.00	70.00
12 to 18 inches	1.20	11.00	90.00
18 to 24 inches	1.70	14.00	120.00
2 to 2½ feet	2.10	18.00	160.00
2½ to 3 feet	2.40	20.00	.....

Japanese White, japonica ovalifolia (callosa alba). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

9 to 12 inches .....	.95	8.00	.....
12 to 15 inches	1.40	12.00	.....
15 to 18 inches	2.10	18.00	.....

Korean, trichocarpa. 5 ft.

New hardy Spirea. Similar to Van Houtte; blooms a little later and the flowers are larger.

12 to 18 inches .....	.80	7.00	.....
18 to 24 inches	1.20	10.00	.....
2 to 3 feet	1.70	14.00	.....
3 to 4 feet	2.10	18.00	.....

Opulifolius, Ninebark. (See Physocarpus.)**Prunifolia, Double Bridalwreath. 5-6 ft.**

Small plum-like leaves, double white flowers blooming profusely. Hardy.

12 to 18 inches	1.80	15.00	.....
18 to 24 inches	2.40	20.00	.....
2 to 3 feet	2.90	25.00	.....
3 to 4 feet	4.00	35.00	.....

Sorbifolia. (See Sorbaria.)**Thunberg Spirea, thunbergi. 3-4 ft.**

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers, April.

12 to 18 inches	1.10	9.00	.....
18 to 24 inches	1.80	15.00	130.00
2 to 2½ feet	2.10	18.00	160.00
2½ to 3 feet	2.40	20.00	.....

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Vanhoutte Spirea. 5-6 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$0.70	\$ 6.00	\$ 50.00
18 to 24 inches.....	1.00	8.50	75.00
2 to 3 feet.....	1.40	12.00	100.00
3 to 4 feet.....	1.90	16.00	140.00
4 to 5 feet.....	2.40	20.00	-----

SYMPHORICARPOS, Snowberry

Chenaulti, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.

12 to 18 inches.....	.70	6.00	-----
18 to 24 inches.....	1.10	9.00	80.00
2 to 3 feet.....	1.70	14.00	120.00
3 to 3½ feet.....	2.10	16.00	-----

Racemosus, Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

12 to 18 inches.....	.70	6.00	-----
18 to 24 inches.....	1.00	8.50	75.00
2 to 3 feet.....	1.40	12.00	100.00
3 to 3½ feet.....	1.90	16.00	-----

Vulgaris, Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

12 to 18 inches.....	.70	6.00	-----
18 to 24 inches.....	1.00	8.50	75.00
2 to 3 feet.....	1.40	12.00	100.00
3 to 3½ feet.....	1.90	16.00	-----

SUMAC (See Rhus).

TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

12 to 18 inches.....	.80	7.00	-----
18 to 24 inches.....	1.20	10.00	-----
2 to 3 feet.....	1.70	14.00	-----
3 to 4 feet.....	2.10	18.00	-----
4 to 5 feet.....	2.50	22.00	-----

SILVER FOLIAGE VARIETIES

Amurensis, Amur Tamarix, Hort, Variety Pentandra. 8-10 ft.

Strong growing, hardy shrub with purple branches, silvery foliage with pink flowers in large panicles.

Hispidia, Kashgar Tamarix. 15-20 ft.

Feathery silver foliage. Bright pink flowers, June-July. Remains in bloom longer than other varieties. One of the best. Hardy.

Odessana, Odessa Tamarix. 6-8 ft.

Upright slender branches. Light silver foliage, light pink flowers in slender racemes.

Green foliage variety.

GREEN FOLIAGE VARIETIES

Africana. 12-15 ft.

Feathery green foliage, pink flowers early in spring before leaves.

Gallica Indica. 10-12 ft.

Upright grower, green foliage pink flowers, May.

Tetandra purpurea. 12-15 ft.

Bright green foliage. Vigorous. One of the hardiest Pink flowers, May-June.

ORNAMENTAL SHRUBS—Continued

TAMARIX hispida rubra, Summer Glow. 12-15 ft.

New bright wine-red flowering variety of Tamarix-Hispida.

	Per 10	Per 100	Per 1000
2 year well furnished plants.....	\$3.50	\$30.00	\$

VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

12 to 18 inches	1.90	16.00	-----
18 to 24 inches	2.50	22.00	-----
2 to 3 feet	3.20	28.00	-----
3 to 4 feet	4.50	40.00	-----

Carlesi, Fragrant Viburnum. 4 ft.

One of the most desirable semi-dwarf flowering shrubs with wonderfully fragrant flower clusters of white shaded with pink. Foliage dark green.

9 to 12 inches	5.00	-----	-----
12 to 15 inches	7.00	-----	-----

Dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

12 to 18 inches	1.40	12.00	-----
18 to 24 inches	2.10	18.00	150.00
2 to 3 feet	2.50	21.00	180.00
3 to 4 feet	3.00	27.00	240.00
4 to 5 feet	3.50	30.00	-----

Lantana, Wayfaring Tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

12 to 18 inches	1.40	12.00	-----
18 to 24 inches	2.10	18.00	160.00
2 to 3 feet	2.50	22.00	200.00
3 to 4 feet	3.20	28.00	250.00
4 to 5 feet	4.50	40.00	-----

**TAMARIX HISPIDA**

Splendid block of Tamarix Hispida, 18 to 24 inches and 2 to 3 feet. Photo September 1941.

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

Lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

	Per 10	Per 100	Per 1000
18 to 24 inches	\$2.50	\$22.00	\$
2 to 3 feet	3.50	30.00	.....
3 to 4 feet	4.50	40.00	.....

Molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

12 to 18 inches	1.40	12.00	.....
18 to 24 inches	2.10	18.00	150.00
2 to 3 feet	2.40	21.00	180.00
3 to 4 feet	3.00	27.00	240.00

Opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

12 to 18 inches	1.90	16.00	.....
18 to 24 inches	2.50	22.00	.....
2 to 3 feet	3.20	28.00	.....
3 to 4 feet	4.50	40.00	.....

Opulus Sterilis, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

12 to 18 inches	1.90	16.00	.....
18 to 24 inches	2.50	22.00	.....
2 to 3 feet	3.20	28.00	.....
3 to 4 feet	4.00	35.00	.....
4 to 5 feet	5.00	45.00	.....

Pubescens, Downy Viburnum. 3-6 ft.

Dwarf grower with greenish white flowers followed by black fruit.

12 to 18 inches	1.80	15.00	.....
18 to 24 inches	2.40	20.00	.....
2 to 3 feet	2.90	25.00	.....
3 to 4 feet	3.50	.....	.....

VITEX macrophylla, Big Leaved Chaste Tree. 3-6 ft.

Semi-dwarf hardy form of Vitex with attractive lavender-blue flowers, July to frost.

18 to 24 inches	2.40	20.00
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WEIGELA

Dwarf Variegated, Variegated Leaf Weigela. 4-5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers, May-June.

12 to 18 inches	1.20	10.00	.....
18 to 24 inches	1.80	15.00	.....
2 to 3 feet	2.40	20.00	.....

Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers. May-June.

12 to 18 inches	1.70	14.00	.....
18 to 24 inches	2.10	18.00	.....
2 to 3 feet	2.50	22.00	.....
3 to 4 feet	3.50	30.00	.....

Floribunda, Crimson Weigela. 6-8 ft.

Blooms freely; crimson flowers, May-June.

18 to 24 inches	2.10	18.00	.....
2 to 3 feet	2.50	22.00	.....
3 to 4 feet	3.50	30.00	.....

Rosea, Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers, May-June.

12 to 18 inches .....	.95	8.00	.....
18 to 24 inches	1.40	12.00	100.00
2 to 3 feet	1.90	16.00	140.00
3 to 4 feet	2.40	20.00	.....

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

		Per 100	Per 1000
BARBERRY, thunbergi, Japanese Barberry.			
12 to 18 inches, 2 year seedlings, branched	\$1.90	\$ 16.00	
18 to 24 inches, 2 year seedlings, branched	2.90	25.00	
2 to 3 feet, 3 year seedlings, branched	4.00	35.00	
9 to 12 inches, transplanted, 2 year branched	2.90	25.00	
12 to 15 inches, transplanted, 2 year branched, bushy ...	4.00	35.00	
Red Leaved, atropurpurea.			
9 to 12 inches, 2 year seedlings, branched	3.50	30.00	
12 to 15 inches, 2 year seedlings, branched	5.00	45.00	
15 to 18 inches, 2 year seedlings, branched	7.00	60.00	
18 to 24 inches, 2 year seedlings, branched	8.50	75.00	
BUCKTHORN, Rhamnus cathartica			
12 to 18 inches	1.40	12.00	
18 to 24 inches	2.10	18.00	
2 to 3 feet	2.90	25.00	
3 to 4 feet	4.50	40.00	
CARAGANA arborescens, Siberian Peatree.			
6 to 12 inches, seedlings .....	.80	7.00	
12 to 18 inches, seedlings	1.20	10.00	
18 to 24 inches, seedlings	1.70	14.00	
2 to 3 feet, seedlings	2.10	18.00	
HONEYSUCKLE, Lonicera, upright hardy varieties.			
12 to 18 inches	4.00	35.00	
18 to 24 inches	5.50	50.00	
MULBERRY, RUSSIAN. (See Deciduous Tree Seedlings.)			
PRIVET. (See Shrubs.)			
RUSSIAN OLIVE. (See Deciduous Tree Seedlings.)			
SPIREA, Van Houtte.			
10 to 15 inches	2.90	25.00	
12 to 18 inches	3.50	30.00	
18 to 24 inches	4.50	40.00	



BARBERRY RED LEAVED

Block of two-year branched seedlings, Shenandoah grown. Photo September 1941.

VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle

AMPELOPSIS, Aconitifolia, Monkshood vine. 15 ft.

Handsome vine, with finely divided foliage. Small blue berries in autumn.

	Per 10	Per 100	Per 1000
2 year No. 1.....	\$2.10	\$18.00	\$-----
3 year No. 1.....	2.50	22.00	-----

Boston Ivy, tricuspidata (Veitchi). 40-50 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

2 year Medium.....	1.70	14.00	120.00
2 year No. 1.....	2.10	18.00	150.00
3 year No. 1.....	2.40	20.00	-----

Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

2 year Medium.....	.95	8.00	70.00
2 year No. 1.....	1.25	10.00	90.00
3 year No. 1.....	1.40	12.00	-----

St. Pauli, saintpauli.

An improved type of Engelmanni.

2 year No. 1.....	1.40	12.00	-----
3 year No. 1.....	1.80	15.00	-----

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

2 year Medium.....	.95	8.00	70.00
2 year No. 1.....	1.25	10.00	90.00
3 year No. 1.....	1.40	12.00	-----

ARISTO tomentosa, Pipe Vine. 20-35 ft.

Flowers yellow, leaves much smaller than a Siphon.

2 year Medium.....	1.20	10.00	-----
2 year No. 1.....	1.70	14.00	-----
3 year No. 1.....	2.10	18.00	-----

Siphon, Dutchman's Pipe. 30-40 ft.

Rapid growing, hardy vine with large attractive round leaves. Odd shaped, brownish flowers resembling pipes in May-June.

18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	4.00	35.00	-----
3 to 4 feet.....	5.00	45.00	-----

BIGNONIA, radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

2 year Medium.....	1.10	9.00	-----
2 year No. 1.....	1.40	12.00	-----
3 year No. 1.....	1.80	15.00	-----

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

2 year Medium.....	1.40	12.00	-----
2 year No. 1.....	1.80	15.00	-----
3 year No. 1.....	2.40	20.00	-----

VINES—Continued

CELASTRUS—Continued

Scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

	Per 10	Per 100	Per 1000
2 year Medium.....	\$1.40	\$12.00	\$
2 year No. 1.....	1.80	15.00	.....
3 year No. 1.....	2.40	20.00	.....

CHINESE MATRIMONY VINE, Lycium chinese. 12-15 ft.

Hardy, woody vine. Valuable for holding embankments. Purple flowers, scarlet berries.

2 year Medium.....	1.10	9.00	.....
2 year No. 1.....	1.40	12.00	.....

CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids on account of the beautiful purple, red and white flowers.

3 inch pots, staked with 24 inch tops.....	2.90	25.00	.....
2 year year Medium, dormant.....	2.90	25.00	.....
2 year No. 1, dormant.....	4.00	35.00	.....

Henryi, white
Jackmani, white

Mme. Edouard Andre, red
Ramona, light blue



A truly large-flowering Red Clematis of the Jackmani type. More and larger blooms on vines of unusual vigor. Color plates, folders, etc., will be ready soon. A "Leader" for catalogues, agents and all other outlets.

Wholesale Prices		Retail Resale Prices	
Per 10	Per 100	Each	Per 12
\$8.50	\$75.00	\$1.50	\$15.00

Crispa, Curly Clematis. 3-4 ft.

A slender vine with purplish flowers. Fragrant.

	Per 10	Per 100	Per 1000
2 year No. 1.....	\$1.80	\$15.00	\$

Paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in September.

2 year Medium.....	1.40	12.00	.....
2 year No. 1.....	1.90	16.00	.....

Texensis, Scarlet Clematis (coccinea). 5-6 ft.

Large, bell shaped, scarlet flowers. Attractive foliage.

2 year No. 1.....	1.80	15.00
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EUONYMUS

Radicans, Wintercreeper. 5-6 ft.

Evergreen, shining deep green foliage. Upright habit. Needs some protection.

2 year Medium.....	2.50	22.00	.....
2 year No. 1.....	3.50	30.00	.....
3 year No. 1.....	4.00	35.00	.....

Radicans Vegetus, Bigleaf Wintercreeper. 3-6 ft.

Evergreen. Dark green, thick leaves, producing bright scarlet berries.

2 year Medium.....	2.90	25.00	.....
2 year No. 1.....	4.00	35.00	.....
3 year No. 1.....	5.00	45.00	.....

VINES—Continued

HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

	Per 10	Per 100	Per 1000
2½ inch Pot Plants	\$1.20	\$10.00	\$
2 year Medium	1.20	10.00	.....
2 year No. 1	1.80	15.00	.....

Baltica, Hardy English Ivy. 15-20 ft.

Similar to Hedera helix, but recommended for its hardiness.

2¼ inch Pot Plants	1.40	12.00	.....
2 year Medium	1.40	12.00	.....
2 year No. 1	1.90	16.00	.....

HONEYSUCKLE, Lonicera.**Gold Flame. 15 ft.**

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

2 year No. 1	3.50	30.00	250.00
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Hall's Japan, japonica halleana. 20-25 ft.

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

2 year Medium .....	.80	7.00	60.00
2 year No. 1	1.10	9.00	80.00
3 year No. 1	1.40	12.00	100.00

Heckrotti, (Summer King) 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

2 year Medium	1.90	16.00	.....
2 year No. 1	2.40	20.00	.....

Scarlet Trumpet Honeysuckle, sempervirens 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

2 year Medium	1.20	10.00	.....
2 year No. 1	1.70	14.00	.....
3 year No. 1	2.10	18.00	.....

POLYGONUM auberti, China Fleecevine. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

2 year Medium	2.50	22.00	.....
2 year No. 1	3.20	28.00	.....

WISTERIA, American frutescens. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers, June-July.

2 year Medium, grown from blooming wood	1.40	12.00	.....
2 year No. 1, grown from blooming wood	2.10	18.00	150.00
3 year No. 1, grown from blooming wood	2.50	22.00	200.00

Chinese blue, sinensis blue. 30-40 ft.

Long clusters showy blue flowers. May.

2 year Medium, grafts	1.90	16.00	.....
2 year No. 1, "	2.50	22.00	.....
3 year No. 1, "	3.50	30.00	.....

Multijuga, Long Clusters Wisteria, Blue. 40-50 ft.

Strong grower, deep blue. May. Extra long clusters, sometimes two or three feet. Valuable.

2 year Medium	1.80	15.00	.....
2 year No. 1	2.40	20.00	.....
3 year No. 1	2.90	25.00	.....

EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Can dig Evergreens, roots puddled at the following reduction in price:

12 to 18 inches at 12¢. 18 to 24 inches at 15¢. 2 to 3 feet at 20¢.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 10% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

We cannot assume responsibility for the successful transplanting of Evergreens, as weather conditions, method of handling and care govern results secured and are sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

FIR, Abies

PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.

A Colorado specie of rapid growth. Makes a large symmetrical tree.

Foliage bluish-green. Very drought resisting and may be planted in dry soils where others cannot survive.

	Per 10	Per 100
2 to 3 feet	\$ 14.00	\$
3 to 4 feet	20.00	.....
4 to 5 feet	27.50	.....

JUNIPER, Juniperus

CHINENSIS PFITZERIANA, Pfitzer Juniper, 5-6 ft.

Handsome gray green foliage. A valuable hardy variety succeeding almost everywhere.

15 to 18 inches	15.00	140.00
18 to 24 inches	19.00	175.00
2 to 2½ feet	25.00	225.00
2½ to 3 feet	33.00	300.00
3 to 3½ feet	42.00	375.00
3½ to 4 feet	47.50	425.00
4 to 4½ feet	52.50	.....

CHINENSIS PFITZERIANA AUREUS, Golden Pfitzer.

Similar to well known Pfitzer Juniper but with yellow foliage.

18 to 24 inches	22.50	.....
2 to 2½ feet	27.50	.....



JUNIPER PFITZERIANA

Young block of Shenandoah grown Juniper Pfitzer, 15 to 18 inches and 18 to 24 inches, compact and well furnished plants. Photo September 1941.

EVERGREENS—Continued

JUNIPER—Continued

CHINENSIS PFITZERIANA COMPACTA, Compact Pfitzer Juniper.

A compact form of the well known Pfitzer Juniper. This new variety remains bushy and compact.

	Per 10	Per 100
18 to 24 inches	\$ 22.50	\$ -----
2 to 2½ feet	27.50	-----

COMMUNIS ASHFORDI, Ashford Juniper. 10 ft.

Of open loose growth, branched at groundline. Short needles of silvery grayish green deepening into purple shades during winter.

12 x 12 inches	12.50	-----
15 x 15 inches	15.00	-----

COMMUNIS CANADENSIS DEPRESSA, Prostrate Juniper. 2-3 ft.

Vigorous growing, low spreading habit. Needles gray-green above, silver white beneath. Dark purple berries.

2 to 2½ feet	17.50	-----
2½ to 3 feet	22.50	-----

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in autumn.

15 to 18 inches	11.50	-----
18 to 24 inches	16.00	140.00
2 to 2½ feet	17.50	-----
2½ to 3 feet	22.00	200.00
3 to 3½ feet	25.00	-----
3½ to 4 feet	30.00	-----

COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

18 to 24 inches	10.00	85.00
2 to 3 feet	14.00	125.00
3 to 4 feet	17.50	160.00

PROCUMBENS, Creeping Chinese Juniper.

The best of creepers. Foliage bright bluish cast. Will grow anywhere.

15 to 18 inches	14.00	-----
18 to 24 inches	20.00	-----
2 to 2½ feet	25.00	-----
2½ to 3 feet	27.50	-----
3 to 3½ feet	30.00	-----

PROSTRATE

These superior low, dense growing strains of Prostrate Juniper are the best we have ever seen. Of Rocky Mountain origin, extremely hardy and very desirable for bank and ground covering. Color varying from green to silver. 6 to 8 inches in height.

18 to 24 inches	13.50	-----
2 to 2½ feet	17.50	-----
2½ to 3 feet	20.00	-----

Admirabilis
Adpressus

Eximus

Planifolius
Subglaucus

SABINA, Savin Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and for underplanting.

15 to 18 inches	12.50	115.00
18 to 24 inches	16.50	150.00
2 to 2½ feet	20.00	185.00
2½ to 3 feet	25.00	225.00
3 to 3½ feet	30.00	-----
3½ to 4 feet	37.50	-----
4 to 5 feet	45.00	-----

EVERGREENS—Continued

JUNIPER—Continued

SABINA HORIZONTALIS, Creeping Savin. 6-8 ft.

Trailing stems and upright spreading branches. Dark green foliage.		
	Per 10	Per 100
18 to 24 inches.....	\$ 14.00	\$125.00
2 to 2½ feet.....	16.50	-----
2½ to 3 feet.....	20.00	185.00
3 to 3½ feet.....	25.00	-----
3½ to 4 feet.....	30.00	-----

SABINA TAMARISCIFOLIA, Tamarix Savin Juniper. 18-24 inches.

Dwarf spreading habit. Foliage silvery green with soft texture.		
15 to 18 inches.....	17.50	-----
18 to 24 inches.....	22.00	200.00
2 to 2½ feet.....	28.00	250.00

SABINA VON EHROH, 10 ft.

A more upright Sabina with good color.		
2 to 2½ feet.....	18.50	-----
2½ to 3 feet.....	22.50	-----

SCOPULORUM, Colorado Silver Juniper. 25-30 ft.

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy.		
18 to 24 inches.....	15.50	140.00
2 to 2½ feet.....	19.00	165.00
2½ to 3 feet.....	22.00	200.00
3 to 3½ feet.....	25.00	225.00
3½ to 4 feet.....	30.00	275.00
4 to 4½ feet.....	36.00	325.00
4½ to 5 feet.....	40.00	-----
5 to 5½ feet.....	45.00	-----

SCOPULORUM PATHFINDER

A bluish-silver type of Scopulorum with very pyramidal habit of growth and with Arbor Vitae-like flat foliage. This variety is increasing rapidly in popularity.		
3 to 3½ feet.....	32.50	-----

VIRGINIANA, Red Cedar. 30-40 ft.

Platte River Strain. Upright growth, deep green foliage, sometimes silver. Excellent pyramidal tree if kept sheared. Can be sheared into any form.		
18 to 24 inches.....	10.00	90.00
2 to 3 feet.....	14.00	125.00
3 to 3½ feet.....	17.50	160.00
3½ to 4 feet.....	22.00	200.00
4 to 5 feet.....	30.00	275.00
5 to 6 feet.....	45.00	-----
6 to 8 feet (at St. Joseph, Missouri).....	60.00	-----

VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.		
3½ to 4 feet.....	35.00	-----
4 to 4½ feet.....	40.00	-----
4½ to 5 feet.....	45.00	-----

VIRGINIANA ELEGANTISSIMA LEE, Gold Tip Red Cedar. 12-15 ft.

Dark green foliage. Golden tipped in autumn.		
3½ to 4 feet, sheared upright.....	37.50	-----

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.		
3 to 3½ feet.....	30.00	-----
3½ to 4 feet.....	35.00	-----
4 to 4½ feet.....	40.00	-----

EVERGREENS—Continued**JUNIPER—Continued****VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper. 15-20 ft.**

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.

	Per 10	Per 100
3 to 3½ feet.....	\$ 35.00	\$ -----
3½ to 4 feet.....	40.00	-----
4 to 4½ feet.....	45.00	-----
4½ to 5 feet.....	50.00	-----

WAUKEGAN JUNIPER, Horizontalis Douglasi. 8-10 ft.

Steely-blue foliage. A splendid ground cover; also effective among rocks. Distinct purple hue in winter.

18 to 24 inches.....	12.50	-----
2 to 2½ feet.....	15.00	-----
2½ to 3 feet.....	17.50	-----
3 to 3½ feet.....	22.00	-----
3½ to 4 feet.....	25.00	-----
4 to 5 feet.....	30.00	-----

LARCH, Larix**EUROPEAN, Europaea. 40-50 ft.**

Never fails to attract attention with its beautiful delicate new growth coming out in the early spring and again in the fall when the needles turn yellow and golden. A deciduous tree, shedding leaves in autumn.

2 to 3 feet.....	11.00	-----
3 to 4 feet.....	15.00	-----

PINE, Pinus**BANKSIANA, Jack Pine. 40-50 ft.**

Most northern of all pines. Hardy and fast growing. Foliage bright green.

3 to 4 feet.....	11.00	-----
4 to 5 feet.....	15.00	-----
5 to 6 feet.....	25.00	-----

MONTANA MUGHUS, Mugho Pine. 3-4 ft.

Deep green in summer and winter. Free from insects and pests and will grow in almost any location.

12 to 15 inches.....	16.50	150.00
15 to 18 inches.....	22.00	200.00
18 to 24 inches.....	27.50	-----

NIGRA, Austrian Pine. 60-70 ft.

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.

18 to 24 inches.....	11.00	100.00
2 to 3 feet.....	16.50	150.00
3 to 4 feet.....	22.00	200.00

PONDEROSA, Western Yellow Pine, Bull Pine. 50-100 ft.

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.

18 to 24 inches.....	11.00	100.00
2 to 3 feet.....	16.50	150.00
3 to 4 feet.....	20.00	185.00
4 to 5 feet.....	25.00	-----
5 to 6 feet.....	35.00	-----

SYLVESTRIS, Scotch Pine. 60-70 ft.

Light green in color. The rapidity of growth, great hardiness and the ease with which it may be grown on almost all soils has made this tree a favorite.

2 to 3 feet.....	14.00	-----
3 to 4 feet.....	17.50	-----
4 to 5 feet.....	22.50	-----
6 to 8 feet.....	50.00	-----

EVERGREENS—Continued**SPRUCE, Picea****CANADENSIS, White Spruce. 60-80 ft.**

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.

	Per 10	Per 100
18 to 24 inches	\$ 12.00	\$100.00
2 to 3 feet	14.00	125.00

CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.

Hardest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

18 to 24 inches	14.00	125.00
2 to 2½ feet	18.00	165.00
2½ to 3 feet	25.00	225.00
3 to 3½ feet	27.50	-----

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for wind-breaks and general planting. Rapid growth.

18 to 24 inches	12.50	-----
3 to 4 feet	20.00	-----
4 to 5 feet	25.00	-----

EVERGREENS FOR LINING OUT

The make up and handling of this line of stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

ORDER EARLY.

50 of any variety and size at the hundred rate.

500 of any variety and size at the thousand rate.

KEY—TT—Twice Transplanted

RP—Root Pruned

T—Once Transplanted

S—Seedlings

OUR ROOT PRUNED STOCK WILL PLEASE YOU**ABIES BALSAM (Balsam Fir)**

Rapid grower. Color is dark green with lighter green on the underside. Each twig ends in a globule of balsam gum.

	Per 100	Per 1000
6 to 9 inches, T	\$ 9.00	\$ 80.00
6 to 9 inches, RP	7.50	65.00

ABIES CONCOLOR (Concolor Fir)

Silvery toned foliage varying from sea-green to deep blue. Forms a compact, symmetrical tree.

9 to 12 inches, TT	10.00	-----
6 to 9 inches, T	7.50	65.00
9 to 12 inches, T	9.00	80.00
6 to 9 inches, RP	6.00	50.00
9 to 12 inches, RP	7.00	60.00

ABIES DOUGLASI (Douglas Fir)

Makes a large symmetrical tree. Foliage bluish green. Very drought resisting and may be planted in dry soils where others cannot survive.

6 to 9 inches, TT	7.50	65.00
6 to 9 inches, T	6.50	55.00
6 to 9 inches, S	4.50	40.00

JUNIPER SCOPULORUM (Colorado Silver Juniper)

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather, when the color is the brightest. Very hardy.

9 to 12 inches, TT	15.00	130.00
12 to 18 inches, TT	19.00	160.00
18 to 24 inches, TT	21.00	-----
6 to 9 inches, T	9.00	80.00
9 to 12 inches, T	12.00	100.00
6 to 9 inches, RP	7.00	60.00
9 to 12 inches, RP	8.00	70.00

EVERGREEN FOR LINING OUT—Continued**JUNIPER SCOPULORUM (Montana Type)**

	Per 100	Per 1000
Very columnar grower with smooth foliage and dull leaved.		
6 to 9 inches, T.....	\$ 9.00	\$ 80.00
6 to 9 inches, RP.....	7.00	60.00

JUNIPER VIRGINIANA (Platte River Type)

Best Virginiana.		
9 to 12 inches, TT.....	13.00	110.00
12 to 18 inches, TT.....	17.00	145.00
9 to 12 inches, T.....	9.00	80.00
12 to 18 inches, T.....	12.00	100.00
9 to 12 inches, RP.....	7.00	60.00
12 to 18 inches, RP.....	8.00	70.00

JUNIPER VIRGINIANA (Eastern Type)

Better winter color than Platte River Type.		
12 to 18 inches, TT.....	15.00	130.00
18 to 24 inches, TT.....	21.00	-----
2 to 3 feet, TT.....	21.00	180.00

PICEA CANADENSIS ALBERTIANA (Black Hills Spruce)

Needs no introduction. Seed obtained in the Black Hills of South Dakota.

4 to 6 inches, TT.....	\$ 9.00	\$ 80.00
6 to 9 inches, TT.....	10.00	90.00
4 to 6 inches, T.....	6.50	55.00
6 to 9 inches, T.....	8.50	75.00
6 to 9 inches, RP.....	6.50	55.00
9 to 12 inches, RP.....	7.50	65.00

PINUS MUGHUS (Mugho Pine)

Dwarf pine of many branches. Used in rockeries and in foundation plantings. Seed obtained from the Alps Mountains.

6 to 9 inches, T.....	13.00	110.00
4 to 6 inches, RP.....	7.50	65.00
6 to 9 inches, RP.....	9.00	80.00

PINUS NIGRA (Austrian Pine)

Valuable for windbreaks. Very hardy. Seed obtained from Austria and Nebraska. Will stand lots of drought.

12 to 18 inches, TT.....	19.00	160.00
18 to 24 inches, TT.....	24.00	215.00
9 to 12 inches, T.....	8.50	75.00
12 to 18 inches, T.....	12.00	100.00
9 to 12 inches, RP.....	6.00	50.00
12 to 18 inches, RP.....	6.50	55.00
18 to 24 inches, RP.....	7.50	65.00

PINUS PONDEROSA (Western Yellow or Bull Pine)

A most valuable pine for ornamental, windbreak and timber plantings. Very long needles and compact growth make this tree a desirable one.

12 to 18 inches, TT.....	15.00	-----
18 to 24 inches, TT.....	22.00	200.00
9 to 12 inches, RP.....	6.00	-----
12 to 18 inches, RP.....	6.50	55.00
18 to 24 inches, RP.....	7.50	65.00

PINUS STROBUS (White Pine)

Grows very fast. Will grow well on most any kind of soil. Valuable.

6 to 9 inches, TT.....	7.50	65.00
9 to 12 inches, TT.....	8.50	75.00
12 to 18 inches, TT.....	12.00	100.00
18 to 24 inches, TT.....	17.00	145.00
9 to 12 inches, RP.....	6.00	50.00
12 to 18 inches, RP.....	6.50	55.00

EXTRA PROFITS WITH PACKAGED NURSERY STOCK!

Progressive Nurserymen everywhere are cashing in on this extra profit line. A "cash and carry" line with rapid turn-over and big net profits. Just the thing for your down-town Store, Sales Yard or in your office.

Aggressive, modern merchandising methods increase your gross sales and net profits. Let us help you—send for new No. 19 Price List.

Patent Applied For

ROSES

Bare-root Roses are not easy to handle without shrinkage. Properly packaged Roses with our life-preserving wax look well, keep well and sell well.

81 of the best selling varieties in H. T., H. P., Rugosa, Climbing, and Patented Roses, packaged for fast selling—highest quality at competitive prices!

2 and 3 different grades, attractively wrapped (with or without colored tags) or in lovely Boxes, if you prefer—different grades and packages, in different price groups, to appeal to any customer.

SHRUBS HEDGE—TREES

77 fast selling varieties in an efficient package with plenty of sales appeal. Colored or printed tags.



Rose—
Red Radiance



PERENNIALS. Individually wrapped in moist peat and packed in our new patented "Aero-top" Display Case, with 4-color Display Panel. The best Display on the market—an exclusive Mount Arbor feature.

PEONIES. Completely wrapped in cellophane and white enamel paper. It's exclusive! Patent applied for.

BULBS in Cellophane Bags with lovely 4-color picture, cultural directions, etc. Very complete variety selection.

ROSES

We offer a splendid assortment of Northern California grown roses. These roses are not dug until well matured and will be carefully graded. We have special storage facilities under refrigeration for storing and handling of roses, and are in a position to supply high quality plants which give satisfaction.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$2.90	\$ 25.00
No. 1½	2.10	18.00
No. 2	1.40	12.00
No. XX, Heavy	3.50	30.00

RED SHADES

Ami Quinard, velvety crimson-maroon, vigorous and profuse.
Catalonia, brilliant orange-vermillion; double, cupped.
Chas. K. Douglas, brilliant light crimson with scarlet undertone.
Chas. P. Kilham, brilliant scarlet-carmine. Double.
E. G. Hill, great massive blooms of deep velvety-maroon.
Essence, velvety-crimson, double Etoile de Hollande.
Etoile de France, large, double blooms of rich, velvety-crimson.
Etoile de Hollande, dark velvety-red with fine fragrance.
Francis Scott Key, immense crimson buds and flowers. Very double.
Gipsy Lass, well shaped, double blooms of dark, scarlet-crimson.
Grenoble, long-stemmed beautifully shaped blooms of scarlet-crimson.
Gruss an Teplitz, medium sized, dark maroon blooms in clusters. Very hardy.
Hadley, deep velvety-crimson with velvety texture.
Hollywood, dark, rose-red; used extensively for forcing.
Hoosier Beauty, deep scarlet with dark shadings.
Margaret McGredy, brilliant red petals on hinges of deep gold.
McGredy's Scarlet, large, brilliant scarlet shaded rose-pink.
Olympiad, fragrant, blood-red, shaded copper and yellow.
Padre, copper-scarlet flushed yellow at base. Free bloomer.
Portadown, rich deep crimson with velvety sheen.
Radiance Red, bright rose-red, form of Radiance.
Southport, brilliant unfading scarlet.
Syracuse, scarlet-crimson on vigorous upright plant. Double.
Vaterland, dark red with coppery reflexes, large, double.
Victoria Harrington, velvety, dark red rose of merit. Intensely fragrant.
W. E. Chaplin, large, full cup-shaped scarlet-red blooms with crimson reflexes.

PINK SHADES

Antoine Rivoire, rosy flesh shaded and edged deep carmine with yellow base.
Betty Uprichard, salmon-pink stained with coppery-red.
Briarcliff, handsome flowers of silvery rose-pink.
Columbia, long stemmed, pointed flowers of vivid pink; fragrant.
Dame Edith Helen, excellent shape, glowing pink, double.
Director Rubio, large blooms of vivid pink on strong stems.
Editor McFarland, shapely buds and double, brilliant pink blooms.
J. Otto Thilow, perfect buds and full flowers of rich rose-pink.
Killarney Pink, bright sparkling double pink. Free bloomer.
Lady Alice Stanley, lasting, double, light pink; continuous bloomer.
Leonard Barron, light salmon and shell pink suffused with pale copper. Hardy.
Mary, Countess of Ilchester, large, double deep rose-pink.
Miss Rowena Thom, large brilliant satiny pink with gold base. Fragrant.
Mme. Butterfly, large, double, soft pink suffused apricot.
Mme. Caroline Testout, large globular flowers of satiny rose, fragrant.
Mrs. Chas. Bell, soft, salmon-pink, sweetly perfumed.
Mrs. Henry Bowles, bright pink flushed salmon. Fragrant and vigorous.
Pink Dawn, perfectly formed, pink buds touched with salmon-rose.
Queensland Beauty, coppery pink sport of Golden Dawn.
Radiance Pink, large, brilliant rose-pink. Very fragrant.
Souv de Mme. C. Chambard, large, semi-double, cupped, fragrant; outer petals rich rose-red; inner petals deep rose-pink, with golden glow at center.
Thos. A. Edison, large, well shaped blooms of light and dark pink.
Willowmere, rich shrimp-pink, shaded yellow in center.

ROSES—Continued**HYBRID TEA AND EVERBLOOMING—Continued****YELLOW SHADES**

- Betty Grace Clark**, orange-yellow, outside of petals streaked red.
Duchess of Wellington, fragrant, pale buff-yellow, deeper toward center. Vigorous and prolific.
Feu Joseph Looymans, Indian-yellow, flowers very large, lasting.
Golden Dawn, bud rich sunflower-yellow flushed old-rose. Double.
Golden Emblem, beautiful rich yellow, glossy foliage.
Gold Star, large, double, golden-yellow with orange shadings.
Joanna Hill, large, yellow with bronze shadings in center. Fragrant, vigorous.
Julien Potin, (Golden Pernet), pointed bud opening to large double flowers of primrose-yellow.
Lady Hillingdon, a popular deep apricot-yellow rose.
Lady Margaret Stewart, large, deep yellow flushed orange-red.
Luxembourg, large, coppery-yellow flowers.
Mrs. Aaron Ward, long pointed bud opening to double flowers of Indian-yellow.
Mrs. E. P. Thom, large, well shaped, bright canary yellow.
Mrs. Pierre S. du Pont, bud reddish-gold, flower deep golden-yellow, lighter with age.
Ophelia Golden, golden-yellow. Seedling of Ophelia.
Romance, golden-yellow, shading toward lemon.
Roselandia, larger, darker sport of Golden Ophelia.
Roslyn, large, double, deep golden-yellow. Vigorous grower.
Soeur Therese, double blooms of rich yellow. Vigorous.
Souv. de Claudius Pernet, beautiful long buds opening to full blooms of rich yellow.
Sunburst, rich yellow shaded coppery-orange.
Ville de Paris, lasting, well-shaped blooms of sunflower-yellow.
Yellow Sastago, vigorous yellow sport of the popular bush variety.

TWO-TONED SHADES

- Autumn**, double blooms of orange, yellow and red. Vigorous and upright.
Condesa de Sastago, deep coppery-pink inside, golden-yellow reverse; double. Vigorous and prolific.
Duchess of Atholl, double, fragrant, vivid orange flushed old rose.
Edith Nellie Perkins, pointed buds, rich orange outside and salmon-pink inside.
Heinrich Wendland, distinctly two-toned; large, double blooms of nasturtium-red inside, golden-yellow reverse.
Lady Forteviot, fragrant, golden-yellow blooms changing to deep apricot.
Los Angeles, double, luminous coral-pink toned gold at base.
Mev. G. A. van Rossem, vivid orange and apricot on golden-yellow ground.
Mme. Edouard Herriott, large, brilliant orange-red and salmon.
Polly, golden-yellow, shaded pink. Fragrant and double.
Portadown Fragrance, brilliant orange-salmon-pink, flushed orange-scarlet.
Pres. Herbert Hoover, beautifully colored buds and blooms of yellow with pink and flame tints.
San Jose, orange-salmon suffused gold. Double; vigorous.
Shot Silk, cherry-cerise suffused with golden-yellow.
Sunkist, coppery-orange sport of Joanna Hill.
Talisman, glowing golden-yellow stained copper red.

WHITE SHADES

- Caledonia**, large double white; long buds opening to large, double flowers.
Edel, large, double white with faintest ivory shading.
K. A. Viktoria, popular, snowy white, double.
Killarney Double White, large, snowy-white, intensely fragrant.
McGredy's Ivory, large, well-shaped, creamy-white; fragrant.
Mme. Jules Bouche, white with blush tints in center.

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ROSES—Continued

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$ 3.50	\$ 30.00
No. 1½	2.50	22.00
No. 2	1.80	15.00
No. XX Heavy	4.00	35.00

RED SHADES

Brazier, pointed buds of burnt-orange opening to a double fragrant flower of flame-scarlet.

***Christopher Stone**, free blooming plant producing fragrant, velvety-textured roses of vivid scarlet deliciously scented. New.

Glowing Carmine, lasting fragrant flowers of deep carmine, a continuous bloomer on a tall vigorous plant.

Night, deep blackish crimson, shaded maroon. Fragrant.

Red Hoover, sport of President Hoover with more red predominating than in its parent. A vigorous grower and an excellent variety for cutting.

***Red Talisman**, Talisman sport. Bud long-pointed; flowers large, double, fragrant. Deep cerise-red blending into yellow shade at base.

Rouge Mallerin, double, well formed blooms of striking and lasting deep red. A new variety of promise.

Sensation, large, scarlet-crimson. Blooms very double.

Temno, a desirable dark red rose with light maroon, velvety tones. The largest of all the darkest roses.

PINK SHADES

Picture, velvety clear rose-pink with undertones of salmon. Very double.

YELLOW SHADES

Golden Charm, deep unshaded yellow sport of Talisman.

Golden Rapture, long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower.

Gloriana, a rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep color of Condesa de Sastago.

McGredy's Yellow, large bright buttercup yellow flowers of perfect form and sweetly scented. The foliage is heavy and glossy, dark green on red stems.

WHITE SHADES

***Snowbird**, most prolific, pure white bedding rose. Full-petaled and perfectly formed.

*STARRED VARIETIES PRICES 5¢ HIGHER.



ROSES — CALIFORNIA GROWN

ROSES—Continued**HYBRID TEA AND EVERBLOOMING—(Continued)****TWO-TONED SHADES**

Duquesa de Penaranda, beautiful deep apricot.

Faience, two-toned, soft peach and cadmium-yellow. This "Dutch Beauty" is regal in exquisite form from long, tapering bud to full-petaled opening of bloom.

Gruss an Coburg, yellowish brown to golden yellow at base, outside with varying shades.

Hinrich Gaede, an unusually distinct and striking rose of bright vermilion toned gold, with definite color persistence and with good form; fragrant. An excellent variety of superior quality.

Mme. Joseph Perraud, high-centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality.

Mrs. Sam McGredy, a large, long-pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer.

Rev. F. Page Roberts, yellow, with red shadings, tinted buff in bud, large and double.

HYBRID PERPETUAL

	Per 10	Per 100
No. 1	\$ 2.90	\$ 25.00
No. 1½	2.10	18.00
No. 2	1.40	12.00
No. XX Heavy	3.50	30.00

RED SHADES

American Beauty, popular, fragrant, deep pink shaded soft carmine.

P. C. de Rohan, deep velvety maroon crimson.

General Jacqueminot, rich crimson-scarlet, very fragrant.

Marshall P. Wilder, bright scarlet-crimson.

Roger Lambelin, semi-double bright crimson, each petal streaked with white. Distinct.

Ulrich Brunner, large, fine shaped blossoms of cherry red.

PINK SHADES

Magna Charta, bright pink suffused carmine. Fragrant.

Mrs. John Laing, very large, double, soft pink, borne on long stems.

Paul Neyron, thornless bushes with gigantic, pink, fragrant flowers.

TWO-TONED SHADES

Soliel d'Or, reddish-gold and orange.

WHITE SHADES

F. K. Druschki, large, snow-white, free bloomer, popular.

BABY ROSES—Dwarf Polyantha**Mostly California Grown**

	Per 10	Per 100
No. 1	\$ 3.00	\$ 27.50
No. 1½	2.40	20.00
No. 2	1.70	14.00
No. XX Heavy	3.50	30.00

RED SHADES

Crimson Baby, small, semi-double, light crimson, dense clusters.

Erna Teschendorf, bright red, semi-double flowers.

Gloria Mundi, large, fully double, lasting, orange-scarlet, borne in clusters.

Ideal, dark scarlet, borne in profusion. Immense, compact bunches.

Lafayette, a dwarf, bushy grower producing semi-double, cherry-crimson flowers.

Lafayette Improved, large clusters of bright cherry-crimson.

Miss Edith Cavell, scarlet-crimson; full and double.

Sparkler, a fine, cluster-flowered type, brilliant red flowers.

***Triomphe Orleanais**, large clusters of cherry-red.

*STARRED VARIETY PRICES 5¢ HIGHER.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued**BABY ROSES—DWARF POLYANTHA—(Continued)****PINK SHADES**

Cameo, a distinct shade of shell-pink and salmon, with a glow of gold.

Cecil Brunner, dainty clear pink, yellow center.

Chatillon, vivid, light salmon-pink, semi-double flowers in enormous heads.

Ellen Poulsen, double, bright rose-pink, fragrant.

Mrs. R. M. Finch, rosy-pink in large clusters; persistent bloomer.

YELLOW AND TWO-TONED SHADES

George Elger, soft golden-yellow in bud, paler in open flowers.

Golden Salmon, bright orange-salmon. Fine for mass planting, blooms continually.

Golden Salmon Superior. An improvement on Golden Salmon.

*Orange Triumph, salmon-red with orange shadings, blooming in enormous clusters.

*STARRED VARIETY PRICES 5¢ HIGHER.

WHITE SHADES

Catherine Zeimet, double, pure white, fragrant, in large clusters.

Clothilde Soupert, pearly-white, pink flush at base.

FLORIBUNDA ROSES

The Floribunda group of roses represent hardy varieties recommended for mass color effect. The habit of growth is of medium height. They are very winter hardy, therefore permanent, disease resistant, bloom continuously in large clusters and do not fade in hot summer suns.

The Floribunda varieties should be planted in groups of three or more of a kind. They are recommended for use among shrubs, for continuous color, as hedges, borders, as massed bed plantings, for parks and along roadsides.

	Per 10	Per 100
No. 1.....	\$ 3.00	\$ 27.50
No. 1½.....	2.40	20.00
No. 2.....	1.70	14.00
No. XX Heavy.....	3.50	30.00

RED SHADES

Karen Poulsen, single, brilliant-scarlet. Excellent bedding rose.

Kirsten Poulsen, bright scarlet in clusters on long stems.

PINK SHADES

Else Poulsen, bright, rose-pink, semi-double, lasting.

Gruss an Aachen, orange-pink in bud, turning to soft, salmon-pink and white on opening.

YELLOW SHADES

	Per 10	Per 100
Poulsen's Yellow No. 1. (Retail \$1.00 each; \$10.00 per doz).....	\$ 5.00	\$ 45.00

Bud copper, yellow flowers semi-double, intensely fragrant. Plant carries heavy glossy foliage and is a free bloomer.

RUGOSA, HYBRIDS AND MISCELLANEOUS

Mostly Own Roots

	Per 10	Per 100	Per 1000
Agnes , double yellow rugosa, fragrant, blooms early.			
2 to 3 feet.....	\$ 2.50	\$22.00	\$ ----
18 to 24 inches.....	2.10	18.00	----
12 to 18 inches.....	1.70	14.00	----
Amelia Gravereaux , carmine-red, borne on long stems.			
2 to 3 feet.....	2.90	25.00	----
18 to 24 inches.....	2.10	18.00	----
12 to 18 inches.....	1.70	14.00	----
Austrian Copper , single brilliant orange-red flowers inside, yellow outside.			
2 to 3 feet.....	2.40	20.00	----
18 to 24 inches.....	1.90	16.00	----
12 to 18 inches.....	1.40	12.00	----
Belle Poitevine , bright pink in clusters, everblooming.			
2 to 3 feet.....	2.10	18.00	----
18 to 24 inches.....	1.90	16.00	140.00
12 to 18 inches.....	1.20	10.00	----

ROSES—Continued

RUGOSA HYBRIDS AND MISCELLANEOUS—Continued

Blanc Double de Coubert, snowy white, double flowers, produced freely.

	Per 10	Per 100	Per 1000
2 to 3 feet.....	\$2.50	\$ ----	\$ ----
18 to 24 inches.....	2.00	----	----
12 to 18 inches.....	1.50	----	----

Blanda, soft pink flowers borne in clusters.

3 to 4 feet.....	2.50	22.00	----
2 to 3 feet.....	2.10	18.00	150.00
18 to 24 inches.....	1.70	14.00	120.00
12 to 18 inches.....	1.20	10.00	----

Carolina, bright rose-pink flowers borne singly in clusters.

3 to 4 feet.....	2.50	22.00	----
2 to 3 feet.....	2.10	18.00	150.00
18 to 24 inches.....	1.70	14.00	120.00
12 to 18 inches.....	1.20	10.00	----

C. F. Meyer, large, well formed flowers, silvery pink.

2 to 3 feet.....	2.90	25.00	----
18 to 24 inches.....	2.10	18.00	----
12 to 18 inches.....	1.70	14.00	----

Dr. Eckener, vigorous, hardy, has blooms resmbing a Hybrid Tea, color similar to Talisman, buff and rose.

18 to 24 inches.....	2.10	18.00	----
12 to 18 inches.....	1.70	14.00	----

Dr. E. M. Mills, semi-double, white shaded pink, hardy.

2 to 3 feet.....	2.10	18.00	----
18 to 24 inches.....	1.70	14.00	----
12 to 18 inches.....	1.20	10.00	----

F. J. Grootendorst, small bright red flowers in clusters.

2 to 3 feet.....	2.90	25.00	----
18 to 24 inches.....	2.10	18.00	----
12 to 18 inches.....	1.70	14.00	----

Grootendorst Pink, charming pink variety of Grootendorst.

2 to 3 feet.....	2.90	25.00	----
18 to 24 inches.....	2.10	18.00	----
12 to 18 inches.....	1.70	14.00	----

Grootendorst Supreme, sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.

18 to 24 inches.....	2.60	22.00	----
12 to 18 inches.....	1.90	16.00	----

Hansa, double, reddish flowers of large size.

2 to 3 feet.....	2.40	20.00	180.00
18 to 24 inches.....	1.90	16.00	140.00
12 to 18 inches.....	1.40	12.00	100.00

Harrison's Yellow, semi-double, moderately fragrant, bright yellow.

3 to 4 feet.....	2.90	25.00	----
2 to 3 feet.....	2.40	20.00	----
18 to 24 inches.....	1.90	16.00	----
12 to 18 inches.....	1.40	12.00	----

Hugonis, light yellow flowers borne profusely along the branches. Very hardy, blooms very early.

3 to 4 feet.....	2.60	22.50	200.00
2 to 3 feet.....	2.10	18.00	160.00
18 to 24 inches.....	1.70	14.00	----
12 to 18 inches.....	1.20	10.00	----

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ROSES—Continued**RUGOSA HYBRIDS AND MISCELLANEOUS—Continued**

		Per 10	Per 100	Per 1000
Lucida , bright pink flowers followed by shining red fruit.				
3 to 4 feet.....		\$2.50	\$22.00	\$ 160.00
2 to 3 ft.....		2.10	18.00	160.00
18 to 24 inches.....		1.70	14.00	140.00
12 to 18 inches.....		1.20	10.00	100.00
Max Graf , See Climbers and Ramblers for description and prices.				
Mrs. Anthony Waterer , double crimson, Rugosa foliage.				
2 to 3 ft.....		2.40	20.00	160.00
18 to 24 inches.....		2.00	16.00	140.00
12 to 18 inches.....		1.40	12.00	100.00
Nitida , deep pink flowers, extremely hardy.				
2 to 3 feet.....		2.10	18.00	160.00
18 to 24 inches.....		1.70	14.00	120.00
12 to 18 inches.....		1.20	10.00	100.00
Persian Yellow , double, small, golden yellow.				
2 to 3 feet.....		2.40	20.00	160.00
18 to 24 inches.....		1.90	16.00	140.00
12 to 18 inches.....		1.40	12.00	100.00
Rubiginosa , Sweetbriar, single pink flowers and orange-red fruit.				
3 to 4 feet.....		2.90	25.00	180.00
2 to 3 feet.....		2.10	18.00	140.00
Rubrifolia , bright pink, starry flowers, red foliage.				
3 to 4 feet.....		2.90	25.00	180.00
2 to 3 feet.....		2.10	18.00	140.00
18 to 24 inches.....		1.70	14.00	100.00
12 to 18 inches.....		1.20	10.00	90.00
Rugosa Alba , splendid foliage with single white blooms.				
2 to 3 feet.....		2.90	25.00	180.00
18 to 24 inches.....		2.40	20.00	160.00
12 to 18 inches.....		1.80	15.00	120.00
Rugosa Rubra , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.				
2 to 3 feet.....		2.40	20.00	180.00
18 to 24 inches.....		1.90	16.00	140.00
12 to 18 inches.....		1.40	12.00	100.00
Setigera , bright pink flowers, big clusters, blooms late.				
2 to 3 feet.....		2.40	20.00	180.00
18 to 24 inches.....		1.90	16.00	140.00
12 to 18 inches.....		1.30	11.00	90.00
Sir Thomas Lipton , snowy white flowers of good size.				
2 to 3 feet.....		2.10	18.00	160.00
18 to 24 inches.....		1.70	14.00	120.00
12 to 18 inches.....		1.20	10.00	100.00
Skyrocket (Wilhelm) , Shrub rose with long pointed buds opening to large semi-double, red flowers borne in large clusters; fragrant. Blooms from June to October.				
2 to 3 feet.....		3.50	30.00	240.00
18 to 24 inches.....		2.90	25.00	180.00
12 to 18 inches.....		2.10	18.00	140.00
Vanguard , large full bloom of orange-salmon. Large, shiny foliage.				
2 to 3 ft.....		2.20	18.00	140.00
18 to 24 inches.....		1.80	14.00	100.00
12 to 18 inches.....		1.40	10.00	90.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

CLIMBERS AND RAMBLERS

Our Climbing Roses are mostly on own roots, except Climbing Hybrid Teas are Buds. They will be good stock, well graded, which we are confident will please. For Winter and Spring shipment have a fine lot of California grown Climbing American Beauty, Crimson Rambler, Dr. Van Fleet, Flower of Fairfield, Paul's Scarlet, Primrose, Royal Scarlet; most of these roses grown from blooming wood taken from roses planted several years ago especially for producing strong cuttings.

Aviator Bleriot, buds orange, pink and apricot. Flowers pale yellow.

	Per 10	Per 100	Per 1000
No. 1	\$ 1.70	\$14.00	\$ -----
No. 1½	1.20	10.00	-----

Chaplins Pink, a fine pink rose. Paul's Scarlet type.

No. 1	2.10	18.00	-----
No. 1½	1.70	14.00	-----

Climbing American Beauty, flowers rich red to Crimson.

XX, Heavy	2.50	22.00	-----
No. 1	2.10	18.00	160.00
No. 1½	1.70	14.00	120.00
No. 2	1.00	8.50	75.00

Climbing Hybrid Tea Roses

No. 1	2.90	25.00	-----
No. 1½	2.10	18.00	-----

Black Boy, reddish black.

Mrs. E. P. Thom, rich lemon yellow

Dame Edith Helen, bright pink.

Pres. Hoover, maroon, orange, and gold

E. G. Hill, velvety-maroon.

Pink Radiance, large rose-pink.

Etoile de Hollande, bright red.

Gruss an Teplitz, scarlet crimson.

Red Radiance, rosy-red.

K. A. Viktoria, snowy-white, double

Talisman, yellow stained copper red.

Per 10 Per 100 Per 1000

Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.

XX, Heavy	\$ 2.40	\$20.00	\$ -----
No. 1	1.90	16.00	140.00
No. 1½	1.50	12.00	100.00
No. 2	.95	8.00	70.00

Dorothy Perkins, soft shell pink flowers.

No. 1	1.70	14.00	120.00
No. 1½	1.25	10.00	90.00
No. 2	.80	7.00	60.00

Dr. Van Fleet, pale pink buds and flowers on long stems.

XX, Heavy	2.50	22.00	-----
No. 1	2.10	18.00	160.00
No. 1½	1.70	14.00	120.00
No. 2	1.00	8.50	75.00

Excelsa, double scarlet crimson blooms.

No. 1	1.70	14.00	120.00
No. 1½	1.25	10.00	90.00
No. 2	.80	7.00	60.00

Flower of Fairfield, deep crimson, similar to Crimson Rambler.

No. 1	1.90	16.00	140.00
No. 1½	1.50	12.00	100.00
No. 2	.95	8.00	70.00

Gardenia yellow buds and creamy flowers with rich yellow centers.

No. 1	1.90	16.00	140.00
No. 1½	1.50	12.00	100.00
No. 2	.95	8.00	70.00

Hiawatha, single, brilliant carmine with white eye.

No. 1	1.90	16.00	-----
No. 1½	1.40	12.00	-----

Jean Lafitte, pointed buds opening to large double flowers of

Willowmere pink on long strong stems. Hardy.

No. 1	1.90	16.00	-----
No. 1½	1.40	12.00	-----

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

Le Reve , pointed buds opening to large semi-double flowers of sunflower-yellow. Fragrant.	Per 10	Per 100	Per 1000
No. 1	\$ 1.90	\$16.00	\$ -----
No. 1½	1.40	12.00	-----
Marechal Niel , full double, very fragrant, golden yellow, large flower, vigorous growth, profuse bloomer.			
No. 1	2.40	20.00	-----
No. 1½	1.80	15.00	-----
Mary Wallace , outstanding large flowered pink climber.			
No. 1	1.90	16.00	-----
No. 1½	1.40	12.00	-----
Max Graf , vigorous trailing plant. Rugosa foliage with bright pink, golden centered blossoms in June.			
No. 1	2.10	18.00	-----
Mme. Gregoire Staechelin , pink blooms with lightly curled petals on long stems.			
No. 1	2.10	18.00	-----
No. 1½	1.70	14.00	-----
Paul's Scarlet , intense scarlet flowers of excellent shape and good size, borne in clusters.			
XX, Heavy	2.50	22.00	-----
No. 1	2.10	18.00	160.00
No. 1½	1.70	14.00	120.00
No. 2	1.00	8.50	75.00
Primrose , hardy, double canary-yellow flowers.			
XX, Heavy	2.50	22.00	-----
No. 1	2.10	18.00	160.00
No. 1½	1.70	14.00	120.00
No. 2	1.00	8.50	75.00
Royal Scarlet , similar to Paul's Scarlet but smaller and deeper in color.			
XX, Heavy	2.50	22.00	-----
No. 1	2.10	18.00	160.00
No. 1½	1.70	14.00	120.00
No. 2	1.00	8.50	75.00
Scorcher , semi-double, lasting, brilliant scarlet-crimson.			
No. 1	2.10	18.00	-----
No. 1½	1.70	14.00	-----
Seven Sisters , double, deep pink, borne in large clusters.			
No. 1	1.90	16.00	140.00
No. 1½	1.50	12.00	100.00
No. 2	.95	8.00	70.00
Silver Moon , large buds, creamy white flowers semi-double, golden antlers, small sprays.			
No. 1	1.90	16.00	140.00
No. 1½	1.50	12.00	100.00
No. 2	.95	8.00	70.00
Tausendschon , large clusters, flowers soft pink to white.			
No. 1	1.90	16.00	140.00
No. 1½	1.50	12.00	100.00
No. 2	.95	8.00	70.00
White Dorothy , small double flowers, creamy white in great clusters.			
No. 1	1.70	14.00	120.00
No. 1½	1.25	10.00	90.00
No. 2	.80	7.00	60.00
Wichuriana (Memorial Rose). Clusters of white flowers, trailing habit, glossy leaves, fine ground cover.			
No. 1	2.10	18.00	-----
No. 1½	1.70	14.00	-----
No. 2	1.00	8.50	75.00

ROSES—Continued

PATENTED ROSES

We are offering these Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified, 1 to 10 at each rate; 10 to 20 at 10 rate; 20 to 250 at 100 rate. Prices are NET.

	Each	Per 10	Per 100
Better Times , Patent No. 23. (Retail \$1.00 each; \$10.00 per doz.) Brilliant cerise flowers, large double, fragrant...	\$ 0.60	\$ 5.50	\$ 50.00
Countess Vandal , Patent No. 138. (Retail \$1.00 each; \$10.00 per doz.) Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon	.60	5.50	50.00
Crimson Glory , Patent No. 105 (Retail \$1.00 each; \$10.00 per doz.) Color deep crimson, a "glory" Rose, glorious in its perfect form, large size and fragrance	.60	5.50	50.00
Dickson's Red , Patent No. 376. (Retail \$1.00 each; \$10.00 per doz.) The first award "All-America Rose Selections" for Hybrid Teas 1940. A glowing scarlet-red rose from Emerald Isle. Rich in fragrance, standing the hottest sun, retaining its color. Produced singly on long strong stems	.60	5.50	50.00
Eternal Youth , Patent No. 332. (Retail \$1.25 each; \$12.50 per doz.) Long pointed perfectly formed buds of beautiful soft pink with yellow at base of each petal—opening to high centered flowers of rich pink with deep yellow stamens. Vigorous plant carries abundant foliage	.75	7.00	60.00
Jewel , Patent Applied For. (Retail \$1.00 each; \$10.00 per doz.) Sport of "Better Times". Brilliant velvety-red which does not fade. Long-pointed bud of slightly darker color. The flower of about 45 petals measures about 5 inches across when open and has pleasing fragrance. Upright vigorous grower and is said to be a profuse bloomer.	.60	5.50	50.00
McGredy's Salmon , Patent No. 410. (Retail \$1.50 each; \$15.00 per doz.) Symmetrically shaped buds of orange-pink opening to medium size flowers of apricot-salmon of delightful fragrance. Low growing variety carrying an abundance of bronzy green foliage.	1.00	9.00	75.00
McGredy's Sunset , Patent No. 317 (Retail \$1.25 each; \$12.50 per doz.) The outside of petals is a clear buttercup yellow tipped orange, while the inside is chrome yellow, flushed scarlet as it opens. Medium size flowers are full with pleasing fragrance and borne on strong upright stems. Sun resistant.	.75	7.00	60.00
Mme. Henri Guillot , Patent No. 337. (Retail \$1.25 each; \$12.50 per doz.) A charming, two-toned rose. The artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base.	.75	7.00	60.00
Nellie E. Hillock , Patent No. 185. (Retail 75¢ each; \$7.50 per doz.) Bi-color pink with gold base; petals deep rose-pink with pearl to silver on the inside	.40	3.50	30.00
Pearl S. Buck , Patent No. 423 (Retail \$1.50 each; \$15.00 per doz.) Pointed orange bud on long stem opens to golden-yellow flower. As the bud opens it lightens to a deep yellow with tinges of apricot.	1.00	9.00	75.00
Santa Anita , Patent Applied For. (Retail \$1.00 each; \$10.00 per doz.) Perfectly formed long pointed buds unfold into glorious flowers of crystal clear peach-blossom pink. The limpid color, delicate scent and exquisite form place beautiful Santa Anita at the very zenith of the outstanding pinks.	.60	5.50	50.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED ROSES—Continued

	Each	Per 10	Per 100
Signora , Patent No. 201. (Retail \$1.00 each; \$10.00 per doz.) Long bud of burnt sienna opening to a lighter hue toward mandarin. This tall growing plant carries handsome foliage and every bloom on long stems	\$.60	\$ 5.50	\$ 50.00
Texas Centennial , Patent No. 162. (Retail 60¢ each; \$6.00 per doz.) Hoover sport. Bright vermilion red with light tone of gold at base. Petals lighter red at center gradually toning to deep rich pink as the bloom ages .....	.40	3.50	30.00
White Briarcliff , Patent No. 108. (Retail \$1.00 each; \$10.00 per doz.) Tremendous producer of fully double, pure white flowers blooming week earlier than most varieties. Awarded Gold Medal at International Exposition, Paris. ....	.60	5.50	50.00
Will Rogers , Patent No. 256. (Retail \$1.00 each; \$10.00 per doz.) Dark velvety-crimson maroon, double free bloomer. Strong vigorous, dark green foliage .....	.60	5.50	50.00

FLORIBUNDA

Betty Prior , Patent No. 340. (Retail 85¢ each; \$8.50 per doz.) Produces large fragrant clusters continuously throughout the season. Opens lively red turning to shell pink. Desirable for mass planting. ....	.50	4.50	40.00
Donald Prior , Patent No. 377. (Retail 85¢ each; \$8.50 per doz.) The large flowers are semi-double, bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group .....	.50	4.50	40.00
World's Fair , Patent No. 362. (Retail \$1.00 each; \$10.00 per doz.) First award "All-America Rose Selections" for Floribundas, 1940. Produces large clusters velvety blooms of fragrant blackish scarlet with glowing mass of golden stamens .....	.60	5.50	50.00

CLIMBERS

Blaze , Patent No. 10. (Retail \$1.00 each; \$10.00 per doz.) A hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet-crimson flower .....	.60	5.50	50.00
Flash , Patent No. 396. (Retail \$1.00 each; \$10.00 per doz.) Climber, glowing, vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. ....	.60	5.50	50.00

ALL-AMERICA ROSE SELECTIONS

All-America Rose Selections, A.A.R.S., an organization of the leading rose growers located in various parts of the United States, was organized in 1938 for the purpose of testing and selecting new varieties of roses of outstanding merit. The organization maintains fifteen official test gardens located in all parts of the country for the testing and judging of proposed new varieties. One test garden is maintained on our nurseries, Shenandoah, Iowa.

We offer the following varieties of roses which have secured the award of "All-America Rose Selections." These are the finest of the new varieties.

	Each	Per 10	Per 100
Apricot Queen , Patent No. 464. (Retains \$1.50 each; \$15.00 per doz.) Orange and apricot at the base of petals, merging to salmony-rose and phlox-pink in the fully developed bloom. Bud is long pointed and the fully developed flower shows a regular well placed petal arrangement. Vigorous grower with handsome leathery foliage. Selected by "All-America Rose Selections" as one of the two finest roses to be introduced in 1940	\$ 1.00	\$ 9.00	\$ 75.00

PATENTED ROSES—Continued
ALL-AMERICA ROSE SELECTIONS—Continued

Each Per 10 Per 100

California , Patent No. 449. (Retail \$1.50 each; \$15.00 per doz.) The color is a glorious shade of ruddy-orange toned with saffron-yellow, with exterior of the broad petals overlaid with Saturn rose—a dual tone effect of indescribable richness and beauty. Long pointed buds opening to flowers of enormous size, reaching a diameter of 5 inches to 6 inches. Growth vigorous with healthy, glossy green foliage. Award "All-America Rose Selections" 1940			
	\$ 1.00	\$ 9.00	\$ 75.00
Charlotte Armstrong , Patent No. 455. (Retail \$1.50 each \$15.00 per doz.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. The long stemmed blooms are produced in great quantities throughout the season and are ideal for cutting because they open slowly and are beautiful until the last petals drop. Vigorous growth, free branching plants with heavy handsome foliage. Charlotte Armstrong is the only strictly new rose to receive an unqualified recommendation for 1941 by "All-America Rose Selections."			
	1.00	9.00	75.00
Dickson's Red , Patent No. 376. (Retail \$1.00 each; \$10.00 per doz.) The first award "All-America Rose Selections" for Hybrid Teas 1940. A glowing scarlet-red rose from Emerald Isle. Rich in fragrance, standing the hottest sun, retaining its color. Produced singly on long strong stems.			
	.60	5.50	50.00
Flash , Patent No. 396. (Retail \$1.00 each; \$10.00 per doz.) Climber or Pillar Rose of glowing, vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks.			
	.60	5.50	50.00
Heart's Desire , Patent Applied For. (Retail \$1.50 each; \$15.00 per doz.) The color is a pure even shade of luminous red, without any shadings of maroon. It is sun-proof even in the hottest weather and does not burn. One of the chief points of this new rose is fragrance. Plant is of exceedingly vigorous growth, prolific bloomer with buds of superb form and open blooms holding their shape until last petal drops. The only 1942 award, "All-America Rose Selections."			
	1.00	9.00	75.00
The Chief , Patent No. 456. (Retail \$1.00 each; \$10.00 per doz.) 1940 "All-America Rose Selections". Extremely long buds of flame-rose opening to a large flower of flame, coral and copper turning to orange-pink with age. Rich fragrance; spreading vigorous plant resistant to mildew			
	.60	5.50	50.00
World's Fair , Patent No. 362. (Retail \$1.00 each; \$10.00 per doz.) First award "All-America Rose Selections" for Floribundas, 1940. Produces large clusters velvety blooms of fragrant blackish scarlet with glowing mass of golden stamens.			
	.60	5.50	50.00

THE NEW HORVATH SETIGERA ROSES

Hardiness and vigor of growth as well as profusion of bloom characterize this new race of roses. Some are climbers and others are compact shrubs with fine glossy foliage.

Each Per 10 Per 100

Federation , Patent No. 287. (Retail \$1.50 each; \$15.00 per doz.) Brilliant and sparkling rose-pink with lighter center; orange undertone. Mass of cuplike semi-double flowers are produced on stems 12 to 24 inches long; individual blooms 3½ inches in diameter. Petal wavy and crested. Flowers have from 24 to 36 petals. Excellent for cutting. Sweetly scented. Mildew proof. Ultimate height 15 to 20 feet.			
	\$ 1.00	\$ 9.00	\$ 75.00

PATENTED ROSES—Continued**THE NEW HORVATH SETIGERA ROSES—(Continued)**

	Each	Per 10	Per 100
Hercules , patent No. 296. (Retail \$2.00 each; \$20.00 per doz.) Clear rose-pink of same shade as Dame Edith Helen. Flowers are huge, fully 5 to 6 inches across when fully open. Slow in opening, lasting a long time. The flowers, though large, are refined and equal the finest Hybrid Tea Rose. Flowers are produced abundantly on stiff branches, 1 to 2 feet long, both on main stock and laterals. Flowers have from 50 to 55 petals. Excellent foliage of shining bronze-green. Ultimate height 14 to 15 feet.	\$ 1.25	\$11.00	\$100.00
Mabelle Stearns , Patent No. 297. (Retail \$2.00 each; \$20.00 per doz.) Peach-blossom-pink with silvery reflexed, sharply recurving petals, center showing orange undertone. Flowers in panicles. Persistent grower and bloomer, starting in June and lasting until frost. The plant is never without flowers the entire summer and fall. Fully double flowers, having from 50 to 60 petals, are excellent for cutting and decorative work, often lasting a week to ten days after cutting. Ultimate height about 2 feet, spreading from 6 or 8 feet or more if permitted, making a spreading matlike plant excellent for ground covering or edging.	1.25	11.00	100.00
Mercurius , Patent No. 385. (Retail \$2.50 each; \$25.00 per doz.) Sparkling two-toned apricot and coral-pink cup-shaped flowers which open slowly and do not fade. When fully open they measure 4 inches to 5 inches across. The flowers and buds are as handsome as any Hybrid Tea Rose. Flowers are produced abundantly on stiff spur branches both on main stock and laterals 1 to 2 feet long. Apparently very resistant to blackspot or mildew. Ultimate height 10 to 12 feet.	1.50	14.00	125.00
Polaris , Patent No. 386. (Retail \$2.00 each; \$20.00 per doz.) A free blooming, hardy, vigorous climber producing pure white flowers, often 2 inches in diameter and in large clusters. Exceedingly fragrant. Foliage is light and shiny green. Disease resistant.	1.25	11.00	100.00
Thor , Patent No. 387. (Retail \$2.50 each; \$20.00 per doz.) Brilliant scarlet red of same shade as Crimson Glory. Perfectly formed flowers are slow in opening and measure 4 to 5 inches across when fully open. The large flowers are perfectly shaped and as handsome as those of a Hybrid Tea Rose. Flowers are produced abundantly on stiff spur branches 12 to 18 inches long. Flowers have from 55 to 60 petals and do not fade. Abundant foliage is rich green. Disease resistant. Ultimate height about 10 to 12 feet.	1.50	14.00	125.00

CLOVERSET POTS

We are authorized dealers for these pots and offer them at the following prices:
(Sold in not less than 100 lots: 300 pots at 1000 rate.)

Standard Heavy Cloverset Pots

	Per 100	Per 1000
No. 0 Pot, 4½ in. bottom x 5 in. top x 5 in. high (Soil capacity 3½ lbs.)	\$2.50	\$22.50
No. 1 Pot, 5½ in. bottom x 6 in. top x 6½ in. high (Soil capacity 9 lbs.)	4.00	35.00
No. 2 Pot, 6½ in. bottom x 7 in. top x 9½ in. high (Soil capacity 15 lbs.)	4.50	40.00
No. 3 Pot, 7½ in. bottom x 8 in. top x 9 in. high. (Soil capacity 20 lbs.)	5.00	45.00

Special Light Cloverset Pots

	Per 100	Per 1000
No. 0 Pot, 4½ in. bottom x 5 in. top x 5 in. high. (Soil capacity 3½ lbs.)	2.00	18.50
No. 1 Pot, 5½ in. bottom x 6 in. top x 6½ in. high. (Soil capacity 9 lbs.)	3.00	27.50
No. 2 Pot, 6½ in. bottom x 7 in. top x 9½ in. high (Soil capacity 15 lbs.)	3.50	32.50
No. 0 Pot for Perennials and Greenhouse Plants.		
No. 1 Pot for Perennials and Small Roses.		
No. 2 Pot for No. 1 Roses and Small Shrubs.		
No. 3 Pot for Large Shrubs.		

PEONIES

All stock offered is strong 3 to 5 eye divisions, cut from young, thrifty stock, free from disease and insects of all kinds. The figures after the name of the variety imply the rating as given these Peonies by the American Peony Society.

	Per 10	Per 100
Albert Crousse , 8.6. Late. Beautiful, delicate, salmon-pink, resembling the inside of a sea-shell in color. A profuse bloomer with finely formed flowers on strong stems.....	\$1.80	\$15.00
Alexander Dumas , 7.1. Brown type. Brilliant pink. Very early.....	1.40	12.00
Alsace Lorraine , 8.8. Late mid-season. Pure white with slightly creamy buff tint in the center.....	1.80	15.00
Avalanche . (Same as Albatre) 8.7. Late mid-season. Large free blooming, fine white.....	1.80	15.00
Baroness Schroeder , 9.0. Late. Very large flowers which open with a soft blush, changing to pure white.....	2.10	18.00
Benjamin Franklin , 8.1. Mid-season, dark, rich, crimson.....	1.80	15.00
Brand's Magnificent , 8.2. A deep, dark red, mid-season.....	2.40	20.00
Charles McKellip , 7.8. Late mid-season. Rich, bright red.....	2.40	20.00
Cherry Hill , 8.6. Deep, garnet-red color. Fine for cutting.....	3.00	25.00
Delache , 7.1. Dazzling red, profuse bloomer. Late mid-season.....	1.40	12.00
Duchess de Nemours , 8.1. Early. Pure White, always a good bloomer.....	1.70	14.00
Edulis Superba , 7.6. Bright, clear mauve-pink. Fragrant, early.....	1.40	12.00
Felix Crousse , 8.4. Mid-season, brilliant ruby-red.....	1.80	15.00
Festiva Maxima , 9.3. Early. Immense flowering, pure white, flecked with crimson.....	1.80	15.00
Francois Ortegat , 6.7. Semi-rose type. Large, deep crimson, with brilliant golden-yellow anthers. Fragrant. Mid-season.....	1.20	10.00
Grover Cleveland , 8.2. Rose type. Very large, full dark crimson blooms. Late-midseason.....	2.10	18.00
James R. Mann , 8.7. Mid-season. Very fine rose-pink, lightly streaked with crimson. Free blooming with fine strong stems.....	2.40	20.00
Karl Rosefield , 8.8. Mid-season, brilliant velvety crimson blooms.....	1.80	15.00
Kelway's Exquisite , 8.5. Very large, fragrant, bright rose-pink with prominent golden stamens. Mid-season.....	4.50	40.00
Lady Alexander Duff , 9.1. Very large, light blush-pink flowers on strong stems. Blooms in mid-season.....	2.40	20.00
La Perle , 8.5. Mid-season. Pink in the bud, opening to a creamy white, flecked in the center with crimson.....	1.80	15.00
Livingstone , 8.1. A late, deep pink with flecks of crimson in the center.....	2.40	20.00
Longfellow , 9.0. Mid-season, a splendid, rich crimson.....	3.00	25.00
Lora Dexheimer , 8.4. Flaming crimson. Early mid-season. Large flowers.....	1.80	15.00
Marie Lemoine , 8.5. Late. Sulphur white, occasionally showing a carmine tip. Exceptionally strong stems. Flowers are very fragrant.....	1.70	14.00
Meissonier , 6.5. Bomb type. Brilliant crimson, full, double flowers on stiff, wiry stems. Mid-season.....	1.40	12.00
Milton Hill , 9.0. Late. Large shell-pink flowers with salmon shadings. One of the best of the pinks.....	2.90	25.00
Mme. Boulanger , 7.8. Late mid-season. Soft pink with silver reflex.....	1.20	10.00
Mme. de Verneville , 7.0. Early. Large white flowers with crimson markings, a reliable, sure bloomer.....	1.40	12.00
Mme. Ducel , 7.9. Mid-season. Large flowered, pink with lighter tones.....	1.80	15.00
Mme. Geissler , 7.9. Rose pink shading to silvery flesh. Fragrant.....	1.80	15.00
Mons. Jules Dessert , 9.4. Mid-season. Large flowers of creamy white, overlaid with faint tints of pink and buff. A very free bloomer.....	3.50	30.00
Mons. Jules Elie , 9.2. Immense flowers of glowing lilac-pink, shading to deeper rose, overlaid with a sheen of silver. Mid-season.....	3.00	25.00
Mons. Krelage , 7.7. Dark red with silvery tips. Late mid-season.....	1.80	15.00
Mons. Victor Hugo . Late, brilliant, carmine-red.....	1.80	15.00
Officinalis Rubra , 8.6. Earliest good, double, vivid, cherry-red.....	2.90	25.00
Phillippe Rivoire , 9.2. Late mid-season. Dark crimson with blackish sheen.....	6.50	----

PEONIES—Continued

	Per 10	Per 100
Plutarch , 7.3. Semi-double type. Small rosy magenta bloom. Stamens present in center and around the collar. Late.....	\$1.80	\$ 12.00
President Roosevelt , 7.7. Mid-season. Very fine, free flowering, brilliant red.	1.40	12.00
Rachel , 7.9. Bright garnet, shaded ruby-red. Mid-season.....	1.80	15.00
Reine Hortense , 8.7. Mid-season. Large, fine blooms of rose-pink, flecked with crimson. Free blooming, fragrant.....	2.40	20.00
Richard Carvel , 8.8. Early, uniform shade of crimson.....	3.00	25.00
Rubra Superba , 7.2. Rose type, brilliant, deep crimson, without stamens, large full and double, highly fragrant, and an excellent keeper, the best late, dark red.....	1.20	10.00
Sarah Bernhardt , 9.0. Apple-blossom-pink with silvery edges on petals. Mid-season.....	2.40	20.00
Sara K. Thurlow , 9.1. Very large delicate pink changing to pearly white, flushed pink in center. Long, strong stems. Very late.....	4.00	35.00
Solange , 9.7. Late. Rich, creamy white, suffused with buff and delicate salmon-pink, flecks of chocolate brown on some of the center petals.....	3.50	30.00
Souv. de Louis Bigot , 9.1. Mid-season. Vivid, rich pink with a salmon undertone. Attractive and free blooming.....	2.90	25.00
Therese , 9.8. Large, rich satiny pink paling to lilac-lavender in the center.....	4.00	35.00
Tourangelle , 9.4. Late mid-season. A delicate, pearly white, suffused with shades of salmon-rose.....	3.50	30.00
Venus , 8.3. Mid-season. Light pink changing to creamy pink as the bloom becomes full.....	1.80	15.00
Walter Faxon , 9.3. Most vivid of all pink, almost an orange color. Medium size, attractive in form and fragrance.....	4.00	35.00
Unnamed Pink.....	.95	8.00
Unnamed Red	1.10	9.00
Unnamed White	1.20	10.00

Single and Japanese Types

	Per 10	Per 100
Albiflora , 8.4. Very large, pure white single.....	\$3.50	\$30.00
Henri Potin . Carmine, with center of white and yellow.....	3.50	30.00
Jacquelin . Single, large white peony with yellow stamens.....	3.50	30.00
Lou Shenk . An attractive pink peony.....	5.50	50.00
Mikado , 8.6. Dark crimson with center petals of red edged and tipped yellow. Midseason.....	4.00	35.00
Somme Ganoko , 9.0. A rich shade of velvety, dark madder-red, with staminodes of golden yellow, slightly streaked red. Medium tall.....	4.00	35.00

**PACKAGED PEONIES SUITABLE FOR STORE AND COUNTER TRADE
AS WELL AS NURSERY SALES YARD.**

The Cellophane Wrapped Peony is wrapped in damp, horticultural peat. We use moisture proof cellophane for wrapping, as well as high grade, white enameled paper which carries a lovely picture of the bloom in natural colors as well as how to plant and care for Peonies. This Cellophane Wrapped Peony is by far the finest packaged Peony on the market.

PRICES CELLOPHANE WRAPPED PEONIES

As per variety listed	Per 10 \$ 2.10	Per 100 \$ 18.00
RED	PINK	WHITE
626W. Karl Rosefield	621W. E. Superba	623W. Festiva Maxima
622W. Felix Crousse	624W. Floral Treasure	628W. Mme. de Verneville
627W. Mary Brand	629W. M. Jules Elie	
632W Rachel		
630W. Pres. Roosevelt		

PERENNIALS

Individually Packaged

IN THE NEW "AEROTOP" DISPLAY CASE. AN EXCLUSIVE MOUNT ARBOR FEATURE!

Patent No. 2106487

The most attractive and efficient Perennial Display ever offered! New 1941 design, eye-arresting colors—more attractive, more efficient and more profitable than ever before!

The Display Back Panel is printed in four colors and carries a picture of the flower, in natural colors, with a complete description of the variety.

Each plant is individually wrapped in peat, in waterproof paper—see illustration. Each wrapper carries detailed cultural directions and a complete description of the variety.



4 COLOR DISPLAY

Counter Space—9"x9"

Patent No. 2106487



TRADE MARK REGISTERED—DESIGN COPYRIGHT—PATENT NO. 2106487



BULBS

In Cellophane

Cannas	Gladiolus
Dahlias	Lilies
Tube Roses	Caladium
Maderia Vines	

These high quality Bulbs are packed in especially designed Cellophane Bags—Bags designed to properly preserve the Bulbs for weeks. Each Bag carries a lovely picture in natural colors and complete planting and cultural directions. Quick, profitable sales with complete customer satisfaction assured.

All Bulbs are shipped in a strong, attractive, decorative carton (size 18"x12") for effective counter display in small space.

Our attractive Display sells Bulbs in quantities, rapid turnover, long selling season, no shrinkage and big net profits.

FOR LIST OF VARIETIES, PRICES, ETC., WRITE FOR NO. 19 PRICE LIST

PERENNIALS

We have one of the largest and most complete assortments of Hardy Perennials, Alpine and Rock Garden plants of any nursery in the Middle West. Our plants are, except as specified, field grown, properly transplanted to give the necessary root development for high class landscape planting.

We have approximately 60 acres of overhead irrigation, devoted to the propagation of our Perennial and Rock Garden plants. We have searched the world over for new varieties of seeds and plants.

If you live near Shenandoah, we cordially invite you to come and inspect our perennial fields. There is hardly a day during the summer and early fall but what our fields are a mass of bloom.

All perennials should be shipped by express. They are very perishable and should not be included in a freight shipment.

RG indicates the adaptability for rock garden planting.

The perennials that we are offering in this section are bare root, most suitable for landscape planting. If you are interested in packaged perennials, bulbs, etc., please write for our special price list No. 19 which covers a complete assortment of the more popular selling items suitable for store and counter trade.

***Newly introduced, especially good varieties, which we recommend highly for your careful consideration.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrow (RG)		
Millefolium Rubra. (Rosy Milfoil.) Finely cut foliage, soft rose flower head.		
18 in. June-August.	\$ 0.80	\$ 7.00
Ptmatica, The Pearl. Large double white. 18 in. June-July.	.80	7.00
ALTHEA ROSEA, Hollyhock.		
Double Varieties. Separate colors. Red, Pink, White, Yellow, Purple. 4 ft. July.	80	7.00
ALYSSUM, Rock Madwort (RG)		
Saxatile Citrinum. Same habit of growth as Saxatile Compactum, but more desirable. Flowers lovely pale yellow. Outstanding in the spring garden or rockery.	1.20	10.00
Saxatile Compactum (Basket of Gold). Masses of bright yellow flowers. Sprawling habit. 10 in. May.	1.00	8.00
ANCHUSA, Bugloss.		
Italica Var. Dropmore. Bright blue. 3 to 4 ft. All Summer.	1.00	8.00
Myosotidiflora (RG). Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.	1.20	10.00
ANTHEMIS, Chamomile.		
Tinctoria. Golden yellow, cut-leaved foliage. 18 in. June to August.	1.00	8.00
AQUILEGIA, Columbine. May-June. (RG)		
***Crimson Star. Something entirely new in Aquilegia! Large flowers of the most striking crimson with white corolla. The plant has a sturdy, full-flowering habit. Blooms in May-June. 24 in.	1.40	12.00
Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph.	1.00	9.00
Mrs. Scott Elliott's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.	.80	7.00
ARABIS, Rock Cress.		
Alpina (RG). Pure white. June. 6 in.	1.00	9.00
ARMERIA.		
Formosa Hybrids. Shades of rose and pink. Good sized flowers on stems 2 ft. high.	1.20	10.00
ARTEMISIA, Wormwood (RG)		
Pontica. Silvery-gray foliage. Very desirable.	.70	6.00
Silver King. Silver white, color effect frosted silver. Beautiful in combinations.	1.00	8.00
ASCELEPIAS, Butterfly Weed (RG)		
Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.	.95	8.00
ASTERS, NEW DWARF VARIETIES (RG)		
These new Dwarf Asters, recently imported from England, have become amazingly popular, because they are neat in habit, the foliage is attractive, and come into bloom when the garden is practically void of color, thus being especially valuable for the rock garden. They are profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy.		
***Countess of Dudley. A charming clear pink with a contrasting yellow eye.	1.20	10.00
***Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. It is a most colorful and outstanding variety. September.	1.80	15.00
Mauve Cushion. Delicate, soft mauve, with silvery-white reflex. Distinct species, flowers 1 1/4 in. in diameter, profuse bloomer. Circular, cushion-like plant, 1 1/2 ft. across, rarely exceeding 9 in. in height. Blooms begin to expand early in October, at their best in November. Plant in full sun, 1 ft. apart.	1.20	10.00
***Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.50	12.00
Ronald. Forms a dwarf bush covered with flowers of a pleasing bright shade of lilac-pink with rose-pink buds; very showy. Mid-September 1 ft.	1.40	12.00

PERENNIALS—Continued

ASTERS, NEW DWARF VARIETIES (RG)—Continued

	Per 10	Per 100
*** Snow Sprite. (Snowy Fairy.) A very dwarf early September flowering variety, forming graceful plants a foot high. They are almost smothered with charming semi-double white flowers.....	\$ 1.50	\$ 12.00
*** Star of Wartburg. The best of all Dwarf Asters. Dark, lilac-blue flowers with orange center, growing 12 to 14 inches high on strong, erect stems. Good cut flower, working up well with other flowers. Possible to cut more than one crop, providing young flowers are cut when they are ready. Our strain is a special one grown from divisions which were imported from Holland.....	1.80	15.00
*** Victor. The dwarfest of all, growing barely 9 inches tall, covered with good sized flowers of a beautiful, clear lavender blue. Blooms during early September.	1.40	12.00

ASTERS, HARDY, SPECIAL TYPES. Starwort or Michaelmas Daisy

The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful. The old varieties that have been handled for years have practically passed out of the picture. For mass planting, the following varieties are tops:

*** Beechwood Challenger. The nearest approach to red so far in Hardy Asters. Free-flowering, medium height, about 3½ ft. Early fall. Profuse bloomer with brilliant crimson-red flowers. (Retails, per 3, \$1.40; per 12, \$4.00; per 100, \$25.00).....	2.00	18.00
*** Blue Gem. Large lovely flowers of blue with a yellow center, double flowers. Best blue in cultivation. September until frost. 3 to 4 ft.	1.20	10.00
Frikarti. Lavender blue flowers, excellent for cutting. Blooms from June to November. Flowers measure 2 to 2½ inches across.	3.00	25.00
*** Harrington's Pink. The first Hardy Aster that is truly pink. Flowers are large and cover the 4 foot plants so completely that it seems a shame to cut them, but the blooms will be welcomed in the house.....	2.00	18.00
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.	1.20	10.00
Queen Elizabeth. Improved white. Semi-double. Individual flowers are large, excellent substance, nicely placed on branching sprays. Early September. 3 ft.	1.20	10.00
*** Red Rover. The first red fall Aster. Deep rosy red flowers with golden centers; buds bright red. Free blooming, compact habit. September to frost. 2 to 4 ft.	1.80	15.00
*** Sunset. One of the best pink varieties, retaining its original color.....	1.40	12.00

BOLTONIA, False Chamomile.

Latisquama. Pink, aster-like flowers. September. 4 ft.	1.00	8.00
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CAMPANULA, Belleflower.

Calycanthemum Blue. (Cup and Saucer). Tall, erect plants covered with large cup and saucer shaped blue flowers during late May and June. A perfect plant for the old fashioned, hardy garden.....	1.00	8.00
Calycanthemum Rose. (Cup and Saucer). Biennial. Lovely rose-pink flowers. Tall. May and June.....	1.00	8.00
Calycanthemum White. Same as the blue, except the flowers are pure white....	1.00	8.00
Carpatica (Carpathian Harebell). (RG). Clear blue. Low growing edging plants. June until October. 8 in.	1.00	8.00
Carpatica White. (Carpathian Harebell). Pure white flowers on compact tufts not exceeding 8 inches high. Flowers held erect on wiry stems. Begins blooming in June, continues until September.....	1.00	8.00
Medium (Canterbury Bells). In separate colors, Blue, Rose and White. June. 2 ft.	1.00	8.00

CENTAUREA, Hardheads or Knapweed.

Montana. Violet-blue flowers, large. July to September. 2 ft.80	7.00
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CERASTIUM, Snow in Summer (RG)

Tomentosum. Silvery white foliage with white flowers. May. 3 inches.....	1.00	8.00
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PERENNIALS—Continued

		Per 10	Per 100
CHELONE, Turtle-head or Shell Flower.			
Grandiflorus. The largest flowered of the hardy Chelones. A beautiful plant in the border, 3 to 4 ft. spikes with huge pale blue flowers. Excellent for cutting.			
		\$ 1.00	\$ 8.00

CHIVES.

Sometimes called Wild Onion70	6.00
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CHRYSANTHEMUMS, CUSHION, HARDY (RG)

A group of low-growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 or 12 in. high and spread 2 ft. or more. They flower quite early. All during September they are literally covered with hundreds of flowers which last over a long period. All are descendants of the Chrysanthemum Amelia, more often called Pink Cushion Chrysanthemum. We recommend handling these as pot plants.

***Bronze Cushion. As the flowers first open they are warm rich red bronze, then turning to a bronzy yellow with a light red center giving a delightful effect. Later, lighten to a beautiful golden bronze shade	1.50	12.00
***Red Cushion. Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers. A startling contrast to anything that has so far been introduced	1.50	12.00
***Pink Cushion. Flowers open to a deep orchid pink then change to a light orchid with a creamy center, finally salmon pink with a soft yellow center. Has a record of 3,000 flowers the first year. Very hardy.	1.00	8.00
***White Cushion. Snow white flowers with a faint yellow center. This variety should be planted with the brighter colors to get the full effect of the flower and a contrast of colors.	1.20	10.00
***Yellow Cushion. Pure, golden yellow, very brilliant. Develops into large, dense clumps, often measuring 24 to 30 inches across, producing hundreds of strikingly beautiful flowers. Make a wonderful show in the landscape, coming into flower the first of October.	1.70	14.00

CHRYSANTHEMUMS, HARDY OUTDOORS.

(*) Some of the varieties starred, particularly on early blooming types, are are hard to handle as dormant plants, so for that reason, we are handling them as both dormant and potted plants. In making up your order, specify which you prefer and your preference will be given as far as possible.

(*)Aladdin. Rich apricot bronze, turning to Apricot Red and Gold. Early in the summer until frost. ....	.95	8.00
Autumn Glow. Glowing Crimson. October. 18 in. ....	.80	7.00
(*)Capt. R. H. Cook. A most popular Pom Pom flowered variety. Clear deep rose colored petals, tipped golden bronze. Tall grower. 18 inches.	1.20	10.00
***Clara Curtis. Single. Salmon-pink, daisy like flowers about 3 in. in diameter. August and early September. Perfectly hardy, and blooms so early never damaged by frost. Spreading habit; 18 to 24 in. across, and 18 in to 24 in. tall. (Retail, per 3, \$1.40; per doz., \$4.00; per 100, \$25.00)	1.70	14.00
(*)Daphne. Lovely shade of Daphne-Pink, with underlying sheen of lilac-rose, enhanced with prominent golden stamens in center. October. 2 to 2½ ft. ....	.95	8.00
(*)Early Bronze. Pom Pom. Bronze yellow, free blooming, early flowering. Late August. 18 in. ....	.95	8.00
(*)Fez. (RG). A fine chestnut-crimson, small flowers about 1½ in. Growth upright and sturdy. September-October. 18 in.	1.50	12.00
(*)Glory of Seven Oaks. Soft, clear yellow. Profuse bloomer. Medium height. September-October. ....	.95	8.00
Indian. Brownish-red. October. 3 ft. ....	.80	7.00
***(*)Indian Summer. A very hardy variety. Double glowing orange flowers, 3 inches across, somewhat shaggy in make-up. Fine plants, never requiring support of any kind. Height 2 to 2½ ft. In full bloom October 15	1.80	15.00
(*)Judith Anderson. Pom Pom. Early flowering. Clear buttercup-yellow. Small, well-rounded flowers, about 1½ in. across. September-October. 18 in.	1.20	10.00

PERENNIALS—Continued

CHRYSANTHEMUMS, HARDY OUTDOORS—Continued

	Per 10	Per 100
***(*)Lavender Lady. A true lavender Garden Chrysanthemum. No tract of mauve, pink or magenta appears under any light conditions. The silvery lavender flowers are 3 inches or more across and appear in perfect branching sprays. Unusually hardy. Height 2½ ft. In full bloom October 8.....		
	\$ 2.00	\$ 18.00
(*)Lorelei. Beautiful yellow, profuse bloomer, flowers 3 in. in diameter. Long stems. Late September. 26 inches.....	1.20	10.00
(*)Mrs. Richardson. Pom Pom. Pure white. September-October, 18 in.....	1.20	10.00
Normandy Pink. Creamy pink. September. 1½ ft.....	1.20	10.00
(*)Nellie Kleris. Clear pink. Mid-season. 18 in.....	1.20	10.00
***(*)Pale Moon. Delightful, fluffy, sulphur-yellow, blossoms completely cover the plant. Loosely double flowers, 2½ inches across, of excellent keeping quality. The aroma is that of butternuts. Height 2 ft. In full flower October 5.....		
	2.00	18.00
***(*)Rose Glow. Quantities of cinnamon-scented blossoms of a distinct raspberry color which changes to an opalescent rose, describes this lovely variety. The flowers are 2 inches across, fuller than semi-double and borne on slender sprays. Height 1½ to 2 ft. In full flower October 5.....		
	2.00	18.00
Rosy Morn. Silver pink. September-October. 3 ft.....	1.00	8.00
(*)Ruth Hatton. Beautiful clear ivory-white. Very hardy. October. 18 in.....	1.00	8.00
(*)Ruth Marion Hatton. Canary-yellow. Early. 18 in.....	1.20	10.00
***(*)Symphony. Mauve-rose overcast soft coppery-rose, with the sheen of damask silk, later taking on silvery-lavender and faint coppery tones which are fascinatingly illusive. The flowers are 3 inches across. Height 2½ to 3 feet. In full bloom October 10.....		
	2.00	18.00
(*)Tints of Gold. Golden yellow with red near base of petals. Early. 18 in.....	1.20	10.00
White Doty. Pom Pom. Pure white. October. 18 in.....	1.00	8.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy.

Alaska. Large white flowers, June to August. 2 ft.....	.70	6.00
Diener's Double White. Recent development of full, shaggy, double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.....	.80	7.00
***Diener's 8 Inch Variety. The distinctive Diener Strain. Large. Single.....	1.40	12.00
***Esther Reed. Pure White flowers, completely double. June to October. About 18 in. tall, stems very stiff. Excellent for the border as well as for cutting. (Retail, each, 65c; per 3, \$1.75; per doz., \$6.50).....	3.50	30.00
Grand Marconi. Flowers are double and semi-double, chrysanthemum-like and will bloom continuously if kept cut. 2½ foot stems.....	1.50	12.00
***June Marguerite. Late flowering. White blooms. Free flowering and good for cutting. Spring shipment only.....	.80	7.00

COREOPSIS, Tickseed.

Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.....	.95	8.00
Grandiflora Auricula. Large yellow blooms, reddish band in eye. All summer. 2 ft.....	.70	6.00
Mayfield Giant. An improved, large single, of brilliant yellow.....	.80	7.00

DELPHINIUM, Larkspur.

Belladonna, Clivedon Beauty. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 ft.....	.95	8.00
Bellamosa. Dark blue, blooms all summer. 4 ft. Strong 1 year plants.....	.80	7.00
Bellamosa, LaMartine. Deeper blue than Bellamosa with a distinct white eye. Not susceptible to disease. Long blooming period. 4 to 5 ft.....	.95	8.00
***B. & L. XXX Strain Mixed. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color, delicate shades of blue, mauve and pink.....	1.40	12.00
Gold Medal Hybrid. Tall, well filled double and semi-double flowers from purplish blue to white.....	1.20	10.00
Grandiflorum Chinese. Sometimes called Butterfly Delphinium. Separate colors of blue and white. June to October. 2 feet.....	1.00	8.00

PERENNIALS—Continued

DELPHINIUM PACIFIC STRAIN 1940 NOVELTIES.

	Per 10	Per 100
*** Black Knight. The darkest of them all. Individual flowers 2½ to 3 inches in diameter of beautiful round form with heavy velvety texture which gives the color luminosity and vividness not seen before in Delphinium. Very long, well formed spikes,—a true show flower.....	\$ 2.10	\$ 18.00
*** Galahad. Giant new race of whites having all the good quality formerly lacking in white Delphinium. Individual flowers 3 inches in diameter, large, well formed spikes, high percentage of mildew resistance.....	2.10	18.00
*** Guinevere. Light lavender self with white bee. Individual florets 2½ to 3 inches in diameter, large spikes. Excellent branching habits. Mildew resistance 50 to 70 per cent.....	2.10	18.00
*** Lancelot. Pure lilac with white bee. An entirely new color.....	2.10	18.00

DELPHINIUM PACIFIC STRAIN STANDARD COLORS

*** Blue Violets. This richest color in Delphinium composes this group. The combination of dark blue and violet is further intensified with dark bees....	2.10	18.00
*** Clear White. These are slightly different from the Galahad Series, the flowers not being as large; however, they are the purest white with velvety texture. Very heavy branching and long trusses of flowers makes them ideal for cut flower purposes.....	2.10	18.00
*** Dark Blue. Ranging from medium to very dark blues predominating white bees.....	2.10	18.00
*** Light Blues. Ranging from light to medium blue, with white fawn, and dark bees.....	2.10	18.00
*** Lavender Shades. Clear lavender mauve with white bee.....	2.10	18.00
*** Lavender Pastels. Lavenders with smoky tinge in the petals and dark brown or black bee.....	2.10	18.00
*** Pacific Hybrids Mixed. A mixture of the Standard Pacific Strain colors. Very fine.....	1.80	15.00

DIANTHUS

Barbatus, Old Fashioned Sweet Williams.

Album, Fl. Pl. Double White. May-June. 15 in.....	.80	7.00
Coccineus (Scarlet Beauty). Brilliant crimson. May-June. 15 in.....	.80	7.00
Holborn Glory. Old favorites bearing their sweet, clove-scented flowers in the greatest profusion during May and June. Various colors and all with white eyes. Good for cutting.....	.80	7.00
Nigricans. Deep red, almost black. Very valuable. June until September. 15 inches.....	.80	7.00
Purple Beauty. Same as Holborn Glory, except a rich purple color.....	.80	7.00
Splendens. Same as Holborn Glory except a fine pink shade.....	.80	7.00
Grenadin Hardy Carnations (RG). This is the hardest of all outdoor Carnations. Very fragrant, producing on long stems. The finest of all varieties in separate colors, King of the Blacks, White, Sun God, Pink. June to August 2 feet.....	1.00	8.00
Deltoides, Maiden Pinks (RG). Beautiful little plants, blooming throughout the summer. 8 in. Separate colors, white and rosy pink.....	1.00	8.00
Latifolius, Atrococcineus, Fl. Pl.		
Everblooming Japanese Sweet William. Fiery crimson. Blooms all summer. 18 in.....	.80	7.00
Loveliness. Lavender-pink, well scented. Grows anywhere.....	1.40	12.00
Plumarius, Hardy Garden Pinks.		
Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.....	.80	7.00

DICENTRA, Bleeding Heart.

Spectabilis (Old Fashioned Bleeding Heart). Graceful heart shaped flowers, rose pink. May-June. 1 to 2 feet. 3 to 5 eye undivided plants.....	2.40	20.00
*** Eximia (RG). This is not a particularly new item but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned Spectabilis variety. Rose colored flowers produced all summer. 12 in.....	.80	7.00

DIGITALIS, Fox Glove.

Most attractive for the border or woodland garden. Biennial. Blooms during June and July. 2 ft. Separate colors, rose and white.....	1.10	9.00
Shirley Hybrids. The flower heads are over 3 ft. long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractive dotted crimson or chocolate.....	1.10	9.00

ERYNGIUM, Sea Holly.

Planum. Branching heads. Stems of glistening metallic sheen. At its best in July and August. 30 in. Steel blue.....	.95	8.00
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PERENNIALS—Continued

	Per 10	Per 100
EUPATORIUM, Hardy Ageratum.		
Coelestinum. Very hardy plant. Light purple-blue flowers. August. 18 to 24 in. \$	0.80	\$ 7.00
FERNS, Hardy Outdoor (RG)		
Goldie's Wood. (Aspidium). Evergreen variety. 2 ft.	1.10	9.00
Interrupted (Osmunda Claytoniana). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.	1.10	9.00
Maiden Hair. (Spleenwort Asplenium Tricomans). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.	1.10	9.00
Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pinules. 2 to 3 ft.	1.10	9.00
FUNKIA, Plaintain Lily (RG)		
Caerulea. Lovely blue flowers, leaves broad. August-September. 18 inch.	1.00	8.00
Glaucia. Japanese species. Large blue-gray leaves excellent for rock garden or border.	1.00	8.00
Lancifolia. Lily blue flowers, long narrow leaves, of dull green. Profuse bloomer. Excellent plant for shade and hedging. July-August. 2 ft.	1.00	8.00
Subcordata Grandiflora. Pure white, lily shaped. August and September. 18 in.	1.90	16.00
Variegated. Blue flowers with variegated foliage. Excellent for edging. Early. 2 ft.	1.20	10.00
GAILLARDIA, Blanket Flower (RG).		
Burgundy. Wine red flower with beautiful sheen. June until frost. 1½ to 2 ft.	1.00	8.00
Dazzler. Large golden yellow and maroon flowers on strong wiry stems. 14 to 18 inches in length.	1.00	8.00
Goblin. Dwarf. Bushy plants 12 to 15 inches high. Covered with golden yellow and red flowers.	1.20	10.00
Monarch Strain. Varied colors. Robust strain. Flowers extremely large and of perfect form. All summer. 2 ft.	1.00	8.00
Portola Hybrids. Very robust growing. Shades of bronzy red with golden tips	1.00	8.00
Tangerine. Tangerine orange of great beauty.	1.20	10.00
GEUM, Avens (RG)		
Mrs. Bradshaw. Fiery, orange-red flowers, very large. Double. Blooms nearly all summer. May to July. 15 to 18 in.	1.20	10.00
GRASSES, Hardy Ornamental.		
Eulalia Gracillima. (Japan Rush). Foliage bright green, graceful habit and fine plumes. 6 to 7 feet. ....	.70	6.00
Phalaris Arundacea Variegated, (Variegated Ribbon Grass). Leaves longitudinally striped with white. July. 12 in. ....	.70	6.00
GYPSOPHILA, Baby's Breath.		
Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.	2.40	20.00
Oldhamiana. A rare Alpine species forming dome-shaped tufts completely covered with small white flowers, delicately veined with crimson. A jewel for the rock garden.	1.00	8.00
Paniculata Compacta. Pinkish white. July. 2 ft. ....	.70	6.00
***Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.	1.90	16.00
HELENIUM		
Riverton Gem. Old gold suffused with bright terra cotta changing to wall-flower red. August to October. 3 to 4 feet.	1.20	10.00
Chippersfield Orange. Large heads of copper and gold blooms. August to September. 4 feet.	1.20	10.00
HEMEROCALLIS, Day Lily.		
***Hyperion. A hardy pale yellow shading toward citron Hemerocallis, which will grow in dry, wet, sunny or shady places. Fragrant buds which open well in water. Blooms throughout July and early August. 40 in. (Retail 75c each; \$2.70 per 3; \$7.50 per 12)	4.00	35.00
Thunbergi. Bright yellow flowers. July. 3 ft. ....	.80	7.00

PERENNIALS—Continued

	Per 10	Per 100
HEUCHERA.		
Brizoides. Bright pink blooms, very freely flowering. Blooms in May.....	\$ 1.20	\$ 10.00
HIBISCUS, Mallow.		
Giant Flowering. A wonderfully improved form of native Marshmallow or Rose Mallow. Separate colors, Pink and White. August and September. 4 to 5 ft.....	1.00	8.00
IBERIS, Hardy Candytuft.		
Sempervirens. Literally covered with sheet of white in May and June. Dwarf, evergreen foliage. 8 in.....	.95	8.00
IRIS.		
In listing Iris this year, we are offering just the newer and better sorts of Iris. See end of Iris for price on bargain varieties.		
Asia. A beautiful silvery lavender blend, lit by a bright yellow beard. An Iris of elegance and deserved popularity. Late. 36 in.....	.70	6.00
Autumn King. This is the first of a new race of Iris, that bloom both in the spring and fall. The flowers are large, a lovely blue purple.....	.80	7.00
Ballerine, fragrant. Gigantic blue-toned flowers of fine form on 4 foot stems, 48 in.	1.40	12.00
Black Wings, fragrant. Flourite violet. Looks completely black in some lights.	1.40	12.00
Blue Hill, a huge flower of deep blue color, 40 in.....	1.40	12.00
Brilliant, fragrant, late. A free flowering brilliant red toned variety.....	1.40	12.00
Clara Noyes, a gorgeous blend of orange yellow and red of Talisman rose coloring.	2.40	20.00
Eleanor Roosevelt, a profuse bloomer twice a year, and one of the best of recent introductions. Color, flourite purple, 26 in.....	1.80	15.00
King Tut, beautiful brown and red tones that fairly blaze in bright sun.....	1.40	12.00
Lent A. Williamson. Violet bicolor blend. 42 in.....	.30	2.50
Morning Splendor. Fragrant. One of the finest American introductions. Awarded three medals. Large flowers of rich deep red. 36 in.....	.50	4.00
Opera. A rich violet-red bicolor. Standing petals bright rich pansy-violet. Drooping petals rich velvety violet-purple. Vigorous and free.....	.60	5.00
Pink Opal, large tall, clear pink of lilac tone.....	1.40	12.00
Rameses. A vigorous, healthy grower in all parts of the country and a fast increaser and free bloomer. In color, pink and rose toned blend. S. light russet vinaceous with yellow glow at the center; F. flaring to drooping. Tourmaline pink. Heavy apricot beard with 36 inch well branched graceful stems.....	1.00	8.00
Souv. de Mme. Gaudichau. A rich, deep velvety purple Iris; of fine shape and finish. Tall, early and very distinct. One of the most striking and remarkable of all. 42 in.....	.50	4.00
Storm Cloud. Copperish bronze.....	.30	2.50
Talisman, blend of apricot yellow and pink. The color of a Talisman rose....	1.90	16.00
Wambliska, hardy, large glistening white with blue toned center.....	2.10	18.00

IRIS, STANDARD VARIETIES.

In addition to the above varieties of Iris, we have 25 or 40 good standard varieties of Iris, such as Caprice, Lorelei, Purple King, Sherwin Wright, etc., that we can offer you at \$20.00 per thousand. At least 50 plants of a variety must be ordered in order to get this low rate. If you are interested in these Standard Varieties, please write for listing of same.

IRIS, PUMILA.

Pumila are the dwarf, miniature types growing from four to six inches high and are one of the first flowers to bloom in the spring.

Betsy Presby. 5 in. One of the very best deep bright yellows, of perfect form and heavy waxy texture.....	.60	5.00
Dr. Potter. 8 in. A rich velvety Gem, with standards of mulberry-purple and falls of fluorite-violet.....	.60	5.00
Golden Queen. Rich, golden yellow.....	.60	5.00
Pumila Alba. Pure white. 8 inch.....	.60	5.00
Sass No. 19. Purplish red.....	.60	5.00

PERENNIALS—Continued

IRIS, SIBERIAN.

	Per 10	Per 100
Blue Heron. Violet with White styles in striking contrast. 36 inches.....	\$ 1.00	\$ 8.00
Blue Owl. 36 inches. Fine rich blue with triangular white throat, veined purple. 1.00	1.00	8.00
Caesar. 30 inches. The richest colored of Siberian Iris. A brilliant red purple of large size.....	1.00	8.00
George Wallace. Standards deep blue, falls lighter blue, veined white. 46 inches. 1.00	1.00	8.00
Mrs. Rowe. 30 inches. Silvery white, flushed rose.....	1.00	8.00
Nora Distin. 30 inches. Standards clear violet, falls white edged and veined China blue.....	1.20	10.00

IRIS, JAPANESE MIXED. All colors.....

	.70	6.00
Koko-No-Iro. Largest deep purple.....	1.20	10.00
Hatsuksumuri. Rich royal purple. Very late, unusually tall.....	1.20	10.00
Margaret Mulholland. Deep blue. Heavy stems.....	1.20	10.00
Grace Wright. White overlaid with delicate lavender.....	1.20	10.00
White Swan. Light lavender.....	1.20	10.00
Kohio-Hari. Bright purple.....	1.20	10.00
Dream. Pure, rich purple.....	1.20	10.00

LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.

This lovely trailing plant blooms all summer. In separate colors, Crimson King; Rose Queen; White Queen.....

.80 7.00

LIATRIS, Blazing Star or Gay-Feather. (RG)

Pycnostachya. Beautiful and very unusual. Rich purple flowers on long narrow spikes, 4 ft. tall. Mid-summer.....	1.00	8.00
September Glory. Very New. A long spike covered with purple flowers, blooming all at the same time. September. 5 ft.....	1.90	16.00
Spicata. A good clear purple blooming before Pycnostachya. Spikes about 3 feet in height.....	1.00	8.00
White Spire. Sport of September Glory. Pure white. 5 feet. Excellent for cutting.....	2.00	18.00

LILY OF THE VALLEY

Extra strong plants with long roots. Fine foliage and profuse bloomers.

Pips.....	25	2.00
Clumps.....	1.80	15.00

LINUM, Hardy Flax.

Lovely, free flowering, hardy perennials, with feathery leaves. In separate colors, Perenne blue and white. July and August.

18 inches.....	.80	7.00
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LUPINES.

Unusually beautiful perennial. Striking pea-shaped flowers are borne on 3 to 4 foot spikes. June and July. Must have plenty of moisture.

Princess Juliana (pink).....	1.20	10.00
Blue King. Blue with very long spikes.....	1.20	10.00
Brightest and Best Red. Red.....	1.20	10.00
White Lady.....	1.20	10.00

***Russell Hybrids. Extraordinary colors and color combinations never before seen in Lupines. Individual flowers about average size, upright standards of some being an inch across. All flowers on spikes open at once from top to bottom. Spike 3 to 5 feet tall. The sensation of the English Horticultural World in 1937.....

1.50 12.00

LYCHNIS, Champion (RG)

Large heads of brightly colored flowers, which brighten up the border. June and July.

Chalcedonia (Maltese Cross). Scarlet.....	1.00	8.00
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MATRICARIA, Double Mayweed, Feverfew (RG)

Popular perennial with finely divided leaves and double flowers. Low growing. Blooms all summer. 1½ feet high.

Capensis Fl. Pl. Double White.....	.80	7.00
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MONARDA, Bee Balm.

Didyma. Cambridge Scarlet. Aromatic foliage, bright scarlet flowers, profuse bloomer. June until August. 2 ft.....	.80	7.00
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Salmon Queen. Attractive salmon-pink flowers. Aromatic foliage. July to August. 2 to 3 feet.....	1.20	10.00
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PERENNIALS—Continued

	Per 10	Per 100
MYOSOTIS, Forget-me-not (RG)		
Lovely flower, familiar to almost everyone. Blooms in early spring.		
Palustris (Alpine Forget-me-not). Tiny blue flowers. Bloom all summer. 8 in.	\$ 0.80	\$ 7.00
NEPETA, Ground Ivy, Catmint (RG)		
Excellent for massing in the garden. Silvery Gray foliage, Fragrant.		
Mussini. Everblooming, lavender blue, small leaved. 18 inch.	.80	7.00
OENOTHERA, Evening Primrose (RG).		
Make continuous display of color in rock garden.		
Missouriensis. Lovely yellow solitary flowers often 4 in. across. Low grower, with prostrate ascending branches, profuse bloomer. June to August. 16 in.	1.00	8.00
PACHYSANDRA, Japanese Spurge (RG)		
Terminalis. Dense mats of glossy green foliage, with small spikes of light colored flowers during May and June. Used to cover shady places. 6 to 8 inches. Strong 2 year plants.	1.00	8.00

PAPAYER ORIENTALIS

We are growing approximately 65 named varieties of Oriental Poppies, which we are not listing in this price list. Oriental Poppies should be planted either in August, September, or early October. If interested in Poppies for planting Fall, 1942 please write for our special list and make your reservations at this time. We feel our collection of Oriental Poppies which we will have available for Fall, 1942 planting is the best assortment you can obtain anywhere in the country.

Hybrid Oriental Poppies. Scarlet crimson with black spot at base of petals.

	Per 10	Per 100
1 Year Transplants	\$.70	\$ 6.00
1 Year Seedlings	(\$30.00 per M) .40	3.50

PENTSTEMON, HARDY.

***Garnet. First of a new strain of hardy, large flowering Pentstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. (Retail, per 3, \$1.50; per doz. \$4.50; per 100, \$30.00)	1.80	15.00
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PHLOX (RG)

The Phlox that we are offering are mostly one year old. In fact, we recommend one year. Two year plants get very woody and are hard to transplant. Phlox can be transplanted either in the fall or spring. If soil and weather conditions are right, we recommend fall planting. Phlox do best in cool, moist locations. Shipments can be made any time after October 1st to 10th.

	Per 10	Per 100	Per 1000
Africa. Brilliant carmine red with blood red eye. Large florets, compact trusses. Very desirable.	\$ 1.00	\$ 8.00	\$ 70.00
***Annie Laurie. Large trusses of salmon-pink flowers. An attractive new variety.	1.20	10.00	80.00
Attraction. A very unusual color of salmon-pink with darker eye. Large individual flowers.	1.20	10.00	---
***Augusta. (Plant Patent No. 252). The finest cherry red Phlox ever introduced. Medium height, about 2½ ft. when fully grown, with rich, bronzy green foliage. Blooms for a period of two months. (Retail prices: 50c each; \$1.50 per 3; \$4.50 per 12)	2.50	18.00	---
B. Comte. Clear, best reddish-purple, sometimes considered an amaranth shade. An excellent little known variety.	.80	7.00	60.00
Beacon. Large, full trusses of brilliant cherry-red, with wine-red eye. 36 inches tall.	.80	7.00	60.00
***Border Gem. A beautiful deep purple Phlox. A most unusual shade, which does not fade, of good size.	1.20	10.00	80.00
Bridesmaid. A pure white Phlox with large crimson-carmine eye. Trusses are compact and well filled. Very desirable.	.80	7.00	60.00
Brilliant. A fiery, brilliant scarlet Phlox with darker eye, much sought after. Large trusses. 30 in.	1.00	8.00	70.00
Camellio Schneider. Deep velvety red. Free bloomer.	1.20	10.00	---
***Caroline Van de Berg. Large flowers of very striking blue. The best "blue" to date. A lovely fascinating color combined with large individual blooms and trusses.	1.50	12.00	100.00

PERENNIALS—Continued

PHLOX (RG)—Continued

Per 10 Per 100 Per 1000

Champs Elysee. Compact heads of rich purple. Not new but very desirable 24 inches.....	\$ 0.80	\$ 7.00	\$ 60.00
***Chevallier. An unusual shade in Phlox, cerise, with madder-shade purple eye.....	1.20	10.00	-----
***Chieftain. Here is a color in Phlox rarely seen,—the color of a precious ruby. Good, strong flower trusses. A very satisfactory Phlox.....	1.00	8.00	70.00
***Columbia. (Plant Patent No. 116). The finest light pink Phlox ever introduced. The color suggests a delicate cameo-pink with faint blue shading at center. Exquisite effect. Sometimes called the "perpetual flowering Phlox" because of a lateral or secondary flower spike from each leaf joint. (Retailers \$1.45 per 3; \$4.75 per 12). July to frost....	2.50	15.00	-----
***Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Very large, single florets measure 1½ in across. No other Hardy Phlox produces florets so large. Color does not fade. Long blooming starts in July and continues until frost. 3½ feet high.....	1.40	12.00	100.00
Dr. Klemm. White with lavender eye. Shading runs from eye to almost edge of bloom.....	1.40	12.00	-----
Eclairer. Medium sized, well formed heads of brilliant rosy Magenta, with white eye. July-August. 32 inches.....	.80	7.00	60.00
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Splendid variety of erect habit and vigorous growth. Excellent for cutting. July to frost. 24 inches.....	1.00	8.00	70.00
Electra. Medium height. Heads purplish-red. Free bloomer.....	1.00	9.00	-----
Eva Forester. Large heads of 30 to 40 individual flowers at one time. Flowers clear pink and 1¼ inches across.....	1.40	12.00	-----
F. G. Van Lassburg. A tall white Phlox, blooming in mid-season.....	.80	7.00	60.00
Flash. Strong grower. Good bloomer. Deep red bloom.....	1.40	12.00	-----
Fuerbrand. Clear, rich, brilliant orange-scarlet, sometimes almost vermilion. Slightly darker at center. Flowers very freely. Of medium height.....	1.00	8.00	70.00
Flora T. Reidy. Lovely ivory-white Phlox. Large florets. Well filled trusses. New and unusually desirable.....	1.20	10.00	-----
***George Stipp. Glowing salmon, individual flowers and clusters. Good size and quality.....	1.00	9.00	80.00
Gen. Petain. Deep wine red, with large, beautiful shaped flowers.....	1.00	9.00	80.00
H. B. May. Large spikes of bright pink. Very large flowers.....	1.20	10.00	80.00
***Hauptman Koehl. Glowing, full-toned red. Large florets curl and expose silver-rose black as bloom ages. Finest red Phlox propagated today. Large compact trusses on strong stems. The flowers retain color for a long period. July to frost. 24 inches.....	1.20	10.00	80.00
LaVague. Dainty lilac-pink with rose eye. Good sized florets. A very satisfactory Phlox.....	.80	7.00	60.00
***Leo Schlageter. Huge, pyramidal trusses of scarlet-carmine with dark center. Strong and showy.....	1.50	12.00	100.00
Lillian. Exquisite pure pink without any trace of magenta or rose. Large florets, flower heads of good size, borne in remarkable profusion.....	1.20	10.00	80.00
Mary Louise. Pure snow white heads of unusually large size. Good grower with clean foliage and a prolific bloomer of medium height....	1.80	15.00	-----
Mia-Ruys. Dwarf variety. Large heads of white flowers similar to Mary Louise but more dwarf and not so white. 12 to 15 inches.....	1.20	10.00	-----
Miss Lingard. (Suffruticosa). White.....	1.00	8.00	70.00
Mount Hood. Pure white, medium grower with good clean foliage....	1.40	12.00	-----
Mrs. Ethel Pritchard. French-mauve colored phlox. Flowers freely and is a tall, strong grower.....	1.20	10.00	-----
***Mrs. Harding. A deep salmon-pink Phlox, outstanding in its color.....	1.40	12.00	100.00
Mrs. Jenkins. One of the old standbys, Pure White.....	.80	7.00	60.00
Mrs. Millie von Hoboken. Bright pink.....	.80	7.00	-----
New Bird. Amaranth-red of great brilliancy.....	1.40	12.00	-----
Pantheon. A deep salmon-rose Phlox, very fragrant. 30 in.....	.80	7.00	60.00
***P. D. Williams. Bright pink with rose center. Extra large florets. One of the best pinks, pyramidal trusses. Grows compactly, retains color unmarred and unbleached through the entire summer and fall. 2½ ft.	1.40	12.00	100.00

PERENNIALS—Continued

PHLOX (RG)—Continued

	Per 10	Per 100	Per 1000
Pink Darling. Good pink with large individual flowers on well filled heads.	\$ 1.20	\$ 10.00	\$ ----
Prime Minister. Extra large florets of clear white with violet. The best of the bi-colored whites.	1.20	10.00	80.00
R. P. Struthers Improved. Rich salmon pink with scarlet eye. Large well filled trusses. Very good. ....	.80	7.00	60.00
Richard Wallace. Here is a beautiful white Phlox with a crimson eye. A very satisfactory Phlox. ....	.80	7.00	60.00
Rheinlander. Salmon pink with carmine eye. Not new but very desirable. ....	.80	7.00	60.00
Rijnstroom. Lively rose-pink with lavender cast. Large, compact trusses. Vigorous grower. Very desirable.	1.00	9.00	----
Rosenberg. Deep violet-cerise with slightly darker center and contrasting anthers.	1.00	9.00	70.00
Special French. A fine blush-pink with Salmon eye.	1.00	8.00	70.00
Starlight. Rich violet, with an almost perfectly shaped white star in the center. Strong growing, free blooming.	1.50	12.00	100.00
Thor. Deep salmon-pink shade, overlaid with a scarlet glow; small aniline-red eye. ....	.80	7.00	60.00
Von Hockberg. Deep velvety-scarlet. Tall growing. Unusual. ....	.80	7.00	60.00
Wanadis. White, light violet shading, with purple eye.	1.20	10.00	80.00
Wm. Kesselring. Deep plum-purple, shading to dainty lilac eye.	1.00	8.00	70.00
Widar. Violet florets with a clear white eye, creating an unusual effect. Of medium height and good florets.	1 20	10.00	----



PHLOX

Block of one-year field grown Phlox. All are grown under overhead irrigation, making heavy plants with splendid roots. We know they will please.

PERENNIALS—Continued

		Per 10	Per 100
PHLOX SUBLATA			
Atropurpurea.	Deep Carmine-red. Very brilliant display.....	\$ 1.00	\$ 8.00
Blue Hill.	Pale blue flowers. Blooms in spring and fall.....	1.00	8.00
Rosea.	Rose-pink. Blooms profusely and thrives in hot, dry weather.....	.80	7.00
Vivid.	Bright pink with dark pink eye.....	1.00	8.00
PHYSALIS, Chinese Lantern Plant. (RG)			
Francheti.	Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.....	.70	6.00
PHYSOSTEGIA, False Dragon Head.			
	Beautiful plant, especially adaptable for cut flowers. August. 3 ft. Separate colors, pink and white.....	.70	6.00
Rosy Spire.	Deep rosy-crimson color, very vivid. 3 to 3½ ft. Mid-September. Decidedly colorful.....	1.00	8.00
PLATYCODON, Balloon Flower (RG)			
	Closely related to Campanula. Bloom all summer. 12 in. Separate colors, blue and white.....	.80	7.00
PLUMBAGO			
Capensis.	Dwarf spreading habit. Excellent for border or rock gardens. 6 to 8 inches high covered with deep blue flowers.....	1.40	12.00
PYRETHRUM, Painted Daisy (RG)			
Areum. (Golden Feather).	Extra fine, dependable variety. Comes into bloom about Decoration Day. Lasts well into the summer.....	1.00	8.00
Hybridum Roseum.	Abundant bloomer. Wide range of colors from pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 inch.....	.90	7.00
Hybridum Roseum Atrosanguineum.	Same as Roseum, only the blooms as a rule are darker shades. 18 in.....	.90	7.00
Double Choice Mixed.	This mixture contains many shades of pink, red and white. A splendid garden mixture.....	1.50	12.00
RUDBECKIA, Coneflower.			
	Hardy plants, adapted for the border. Well suited for cutting.		
Golden Glow. Sass Golden Globe.	Produces masses of large golden double yellow flowers in July and August. 6 ft.....	.90	8.00
Newmanni.	The perennial form of the "Black Eyed Susan." Deep orange-yellow flowers with a dark purple cone; long, wiry stems. 3 ft high. Blooms all summer.....	.80	7.00
Purpurea.	Reddish purple flowers with very large black cone for center. July to October. 2 ft.....	.80	7.00
SALVIA, Meadow Sage.			
Argenta.	Large white flower spikes and silver ornamental foliage. Fine for contrast in the border. 2 ft.....	.80	7.00
Azurea Grandiflora.	Azure colored, large flowers. August to September. 5 ft.....	.80	7.00
Old Fashioned Sage.	Valuable because of the leaves which are used for seasoning. Late summer. 3 ft.....	.80	7.00
SAPONARIA, Soapwort.			
Ocymoides Splendens.	Rosy pink flowers, produced in great quantities just above the foliage. Trailing vine, appropriate for border or rockery. May and June. 2 ft.....	1.00	8.00
SCABIOSA, Pin Cushion Flower.			
Caucasica (Blue Bonnet).	Soft, lovely shade of lavender blue. Equally good for border or cut flowers. June to September, 18 in.....	1.20	10.00
Alba.	(Called White Bonnet). The white form of the preceding.....	1.10	9.00
SAXIFRAGA.			
Cordifolia.	Large, leathery leaves of russet green. Round bright rose flowers rising on stocky, six-inch stems. One of the first to welcome the spring.....	1.80	15.00

PERENNIALS—Continued

	Per 10	Per 100
SEDUM, Stone Crop or Live Forever (RG)		
America's Greatest Rock Plant. Thick, glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
Album. Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches.	\$ 0.80	\$ 7.00
Anglicum. White. Tiny, moss-like carpeting plant. Profuse bloomer. Early summer	.80	7.00
Aureum. Yellow tipped foliage in spring	.80	7.00
Creslatum. Small round foliage of medium green	.80	7.00
Ewersii. Rosy-purple flowers, blue-gray leaves, stocky plants. Deciduous. Early. 8 to 10 in. stems	.80	7.00
Kantschaticum. Orange-yellow flowers with prostrate green foliage turning golden in autumn.	.80	7.00
Lydicum Glaucum. Blush, very fine rock plant. Very odd. All summer. 6 in.	.80	7.00
Maximum Atropurpureum. Foliage rich mahogany-brown. Flowers in sprays of somewhat lighter shade. 18 inches high	.80	7.00
Murale. Evergreen foliage, reddish-purple. White flowers with pink center. 4 to 8 inches.	.80	7.00
Oppositifolium. Bright green foliage with rose bloom. July. 4 in.		
Saxangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.	.80	7.00
Spectabile Brilliant. Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches	1.20	10.00
Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late 18 inches	1.20	10.00
Spurium Roseum. Purplish-red. July and August. 6 inches	.80	7.00
Stonolifera. Purplish pink. July and August. 6 inches	.80	7.00
Subulatum. Dwarf. Round foliage. Early summer. 4 to 6 inches	.80	7.00
Turkestanicum. Round foliage of dark green. White flowers on 6 to 8 inch stems.	.80	7.00
SEMPERVIVUM, Houseleek. (RG)		
Sometimes known as Hen and Chicken. Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.		
Atroviolaceum. The largest of the entire group. Beautiful rosette of deep purplish red leaves, almost 4 inches in diameter when fully grown. 8 in.	1.00	8.00
Rubrum. Leaves of dark green turning to red in fall. Rapid spreader	1.00	8.00
SPIREA, Goat's Beard, Meadow Sweet (RG).		
Fillipendula (Dropwort) White flowers produced in abundance on stems 15 inches high. Fern-like foliage. June and July	1.80	15.00
STACHYS, Woundwort (RG)		
Lanata. Soft silvery foliage, with clusters of light purple flowers. June and July. 4 in.	.80	7.00
STATICE, Great Sea Lavender (RB). August. 18 in.		
Latifolia, Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom make very valuable winter bouquets. 18 in.	.80	7.00
STOKESIA, Cornflower Aster.		
Aster-like flower with rich, green leaves, good for cutting and very thrifty. August. 12 to 18 in. In separate colors, blue and white		
	.80	7.00
***Blue Moon. Large and free flowering. Perfectly hardy. Vivid, blue disc-like flowers. Blooms throughout summer and autumn until stopped by hard frosts. Flowers five to six inches in diameter. 12 to 18 in. tall. (Retailers per 3, \$1.50; per doz., \$4.50; per 100, \$30.00)	2.10	18.00
SWEET WILLIAM. (See Dianthus Barbatus).		
THALICTRUM, Meadow Rue.		
A great favorite for hardy borders, graceful plants; pretty flowers.		
Adiantifolium. Foliage like Maidenhair Fern, tiny white flowers. June. 2 ft.	1.00	8.00
THERMOPSIS		
Caroliniana. A lupine-like plant with rich green foliage. Yellow pea-like flowers produced on racemes, 6 to 12 inches long. June and July	1.20	10.00
THYMUS, Thyme. (RG).		
Serpyllum Coccineum. Dark red flowers, covering the plant completely. Creeping habit, hairy foliage, which is fragrant. June-July	.80	7.00

PERENNIALS—Continued

	Per 10	Per 100
TRITOMA, Kniphofia, Red Hot Poker (RG)		
This perennial is not truly hardy in Northern latitudes and must be taken up and stored through the winter. Foliage grass-like. Blooms range from orange to deep coral. August and September. 30 in.		
Pfitzeriana. This is the genuine Red Hot Poker. Rich orange-scarlet blooms on stems 3 ft. high. Must be grown from divisions. August to October	\$ 1.20	\$ 10.00
VERBENA, HARDY. (RG).		
***Separate colors, Pink and Red. This is a truly wonderful perennial. Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter. We have these in separate colors, red and pink.		
	1.20	10.00
VERONICA, Speedwell (RG)		
Blue Spire. Foliage is clean. Plant is bushy, upright habit and flowers are deep blue. 2 feet high		
	1.20	10.00
Longifolia Hybrid. Exactly like Longifolia Subsessilis except this strain produces variable shades of flowers		
	.80	7.00
Longifolia Subsessilis. This is the best of the veronicas, producing long spikes completely studded with beautiful blue flowers. July to September. 2 feet		
	1.40	12.00
Spicata. Violet-blue flowers, borne in masses. July and August. 18 in.		
	.80	7.00
VINCA, Periwinkle or Trailing Myrtle.		
Minor. Evergreen plant of trailing habit, splendid for use as ground carpet under shrubs or trees. Grows very well where it is too shady for other plants.		
	.80	7.00
Minor-Bowles Type. Foliage is broad and rich, glossy green. Deep blue		
	1.20	10.00
VIOLA, ODORATA, Sweet Violet (RG).		
***Double Russian. We are extremely pleased to be able to offer this highly scented Violet, which has been very difficult to obtain for many years. Double flowers, extremely fragrant. It is a slow grower and does not spread much. Suitable for shady cool places, and especially adapted to cold frame work. Winter flowering. (Retail, \$1.10 per 3; \$3.30 per 12; \$20.00 per 100)		
	2.10	18.00
***Fry's Fragrant. (Perpetual Flowering). An old English strain, very large, fragrant blooms excellent for forcing, deep purple. May. 6 in.		
	1.20	10.00
YUCCA, Adam's Needle (RG)		
This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or Rockery work and stands out among all other plants.		
Filamentosa. Creamy yellow. June. 6 ft.		
3 Year	1.20	10.00
2 year, field grown, 3 ft.	1.20	10.00
2 Year	.95	8.00
1 Year	.80	7.00
Filamentosa, Variegated (RG)		
1 year field grown	.95	10.00



NEW, AIR CONDITIONED PERENNIAL AND BULB DEPARTMENT
SIZE 72x82 FEET, WITH FULL BASEMENT.

SPRING BULBS

LILIUM (RG)

In offering the following Lilies, with the exception of the Auratum, Rubrum and Magnificum, we are offering Shenandoah grown bulbs. These bulbs are firm, sound, and free from disease of all kinds. We find American grown bulbs much superior to imported bulbs.

Most Lilies are available for planting after the 10th to 20th of October.

Amabile. (Korean). Reflexed flowers of brilliant orange-scarlet, marked with black recurring. Needs sharp drainage, full sun. Blooms late June, 1½ to 2 ft. tall. Planting depth 5 inches. Available in October.

	Per 100	Per 1000
Blooming size bulbs.....	\$ 1.40	\$12.00
Concolor. Excellent Rock Garden lily. Dainty, erect, star-shaped flowers of bright red, flecked with black at base of petals. Slender stems. Needs sunny position and light soil with good drainage. Blooms June and July. Height 12 to 18 inches. Planting depth 3 inches. Makes small bulbs. Available in October.		
Flowering size bulbs.....	1.00	8.00
Elegans Tip Top. (Red Russian Lily). Best adapted of any of the Elegans for outdoor planting. Deep red. Stem rooting. 1½ to 2 ft. high. Erect blooms. June-July. Planting depth 5 inches. Available in October.		
4 to 5 inches.....	.95	8.00
5 to 6 inches.....	1.20	10.00
6 to 8 inches.....	1.50	12.00
Henryi. (Chinese). Large recurving flowers of golden orange, enhanced by a prominently green nectar furrow in the middle of each petal and spotted brown. Tall grower, profuse bloomer. Plant in partial shade to overcome slight tendency to fade. Needs good drainage, plenty of moisture. Blooms August to September. Planting depth 7 inches. Available in October.		
4 to 5 inches.....	1.00	8.00
5 to 6 inches.....	1.20	10.00
6 to 8 inches.....	1.40	12.00
Pardalinum Giganteum. (Sunset Lily). Flowers contain the colors of the sunset, petals thickly covered with deep purple spots and the center of the flower is a deep golden color. Extremely hardy and dependable. Grows 5 to 7 ft tall. Does well in any good garden soil. July. Planting depth 6 inches. Available in October.		
5 to 6 inches.....	1.80	15.00
Philippinense Formosanum. (Japanese). Long trumpet-shaped flowers of pure white inside tinted with purple-pink outside, similar to Easter Lily. Fragrant. Long flowering, starting in July. Height 2 to 3 feet. Planting depth 4 inches. Available in November. We have the early blooming type.		
3 to 4 inches.....	.70	6.00
4 to 5 inches.....	1.00	8.00
5 to 6 inches.....	1.20	10.00
6 to 8 inches.....	1.40	12.00
Regale. (Tibet). Large white flowers suffused with pink and purple without, canary yellow throat. Fragrant. Hardy and vigorous. Excellent cut flower as well as a garden beauty. In climates subject to late frost, the young growth should be protected with branches or a loose straw mulch. 4 to 7 ft. tall. July. Planting depth 5 inches. Available in October.		
3 to 4 inches.....	.45	4.00
4 to 6 inches.....	.60	5.00
6 to 8 inches.....	1.20	10.00
Speciosum Rubrum (Japanese). Carmine pink flowers, spotted with deep rose and fading into almost white toward the edge of the petal. Very hardy. August-September. 4 to 5 ft tall. Planting depth 8 inches. Available after December 1st and in the spring.		
6 to 8 inches.....	1.40	12.00
Tenuifolium. (Siberian.) Vivid scarlet blooms, slender stems, grassy leaves. Fine for rock gardens, or planted with dwarf plants. Likes sandy loam and leaf-mold with full drainage in the sun. Grows freely from seed. Height 12 to 18 inches. May-June. Planting depth 8 inches. Available in October.		
Flowering size bulbs, No. 1.....	.80	7.00
Tenuifolium Golden Gleam. Similar to Tenuifolium except that flowers are golden yellow, cross between Tenuifolium and Martagon Album. Stem rooting. Hardy. Plant same as Tenuifolium. Height 18 to 24 inches. June. Planting depth 3 inches. Available in October.		
Flowering size bulbs, No. 1.....	1.00	8.00

SPRING BULBS—Continued

LILIUM—Continued

	Per 10	Per 100
Tigrinum. (Japanese). The old favorite Tiger Lily. Thrives almost anywhere. Sturdy stems, profuse bloomer. Rich salmon-orange flowers, spotted with deep mahogany. Strong grower, increases rapidly. The Double Tiger Lily (L. Tigrinum flore pleno) blooms slightly later than the Single Tiger Lily (L. Tigrinum splendens). August. Height 3 to 6 ft. Planting depth 5 inches. Available in October.		
DOUBLE, 3 to 4 inches	\$ 0.60	\$ 5.00
" 4 to 6 inches	1.10	9.00
" 6 to 8 inches	1.40	12.00
SINGLE, 3 to 4 inches .....	.50	4.00
" 4 to 6 inches .....	.95	8.00
" 6 to 8 inches	1.40	12.00
Wilmottiae. (Chinese). Vivid orange-red, recurved petals, numerous small brown spots. Profuse bloomer. Very hardy. Foliage long, stems rising to a height of 4 to 6 ft. Very dark green. Likes deep sun or partial shade. Needs staking. July. Planting depth 5 inches. Available in October.		
Flowering size bulbs	1.40	12.00

CANNAS

These Cannas that we are offering are all northern grown, having been grown here at Shenandoah, properly matured and cured in our own bulb warehouse. We feel sure that you will be well satisfied with these northern grown tubers. They are all fresh, plump and healthy, good strong two and three eye divisions.

WHITE FLOWERS WITH GREEN FOLIAGE

	Per 100	Per 1000
Eureka. White, 3½ feet tall, green foliage, easily the best white, or the only white.	\$ 6.00	\$50.00

PINK FLOWERS WITH GREEN FOLIAGE.

City of Portland. The leading pink, green foliage. 4 ft. tall. Large flowers of watermelon-pink, conceded THE pink	4.50	40.00
Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas	4.00	35.00
Rosamond Cole. 4 ft. A choice Canna, green foliage, large flowers, variegated with the color of a rainbow. A leader among Cannas	4.50	40.00

RED FLOWERS WITH GREEN FOLIAGE.

Allemania. 5 ft. Green foliage. Orchid-flowering bright scarlet, with broad and irregular yellow border, beautifully mottled and variegated	4.00	35.00
Firebird. 4 feet. Dark green foliage. Large deep red flowers	4.00	35.00
Louisiana Red. 5 feet. A free bloomer with a large bloom of bright red, green foliage.	4.00	35.00
Mme. Crozy. A dwarf. One of the finest little Cannas. Large heads of red with a variegated border one-eighth inch wide, of orange, green foliage	4.00	35.00
The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease	4.00	35.00
Winter's Colossal. 5 ft. Green foliage. Without a doubt the largest flowered Canna yet produced. Flowers of vivid scarlet. Sometimes measure eight inches across.	4.00	35.00

YELLOW FLOWERS WITH GREEN FOLIAGE.

Apricot. 3½ ft. tall. Green foliage, with lovely heads of apricot. Without a doubt one of the grandest Cannas	4.00	35.00
Gaiety. 5 feet. Yellow throated, petals tipped red; mottled red in between; green foliage. One of the best	4.00	35.00
Gladiator. 5 ft. A fine tall Canna, green foliage, a free bloomer, large flowers with small petals, yellow with small orange specks	4.00	35.00
King Midas. Dwarf grower. Yellow flowers with green foliage. Free bloomer.	4.50	40.00
Richard Wallace. 4 ft. Green foliage, canary-yellow flowers. One of the best yellows.	4.00	35.00
Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage	4.00	35.00

SPRING BULBS—Continued

CANNAS—Continued

BRONZE FOLIAGE VARIETIES	Per 100	Per 1000
Ambassadeur. 4 ft. A new dwarf foliage, red Canna. Could be called the Bronze President. A lighter bronze than Red Humbert.....	\$ 5.00	\$ 45.00
Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.....	4.00	35.00
Statue of Liberty. 6 to 7 ft. Blazing flame-red.....	4.00	35.00
Wyoming. 5 ft. Purple foliage. True orchid-flowering variety with magnificent orange-colored flowers.....	4.00	35.00

Practically all Cannas are sold for Canna Bed planting. With this in mind we have to offer the following suggested Canna Beds, which you can talk and sell to your customers.

A—OLD FAVORITE—7-FOOT BED

1 Statue of Liberty (for center)
6 Red King Humbert (for middle row)
12 Yellow King Humbert (for outside row)
—
19

C—GOLDEN DAWN—7-FOOT BED

1 Wyoming
6 Yellow King Humbert
12 Richard Wallace
—
19

B—PINK BEAUTIES—7-FOOT BED

1 Wyoming
6 Apricot
12 Hungaria
—
19

D—ALL RED BED—7-FOOT

1 Statue of Liberty
6 President
12 Red King Humbert
—
19

DAHLIAS

Our Dahlias are Shenandoah grown, good, strong healthy tubers with good crowns and plenty of eyes. Our stock has been carefully handled and is guaranteed true to name. We have some 40 or 50 varieties of Dahlias we are not listing. If there are other varieties you are interested in, write us. Perhaps we have them.

CACTUS.	Per 10	Per 100	Per 1000
Brides Bouquet. Lovely pure white, profuse bloomer.....	\$ 1.20	\$10.00	\$ ----
Chemar's Masterpiece. A large orchid pink.....	1.20	10.00	----
Chemar's Triumph. Large orchid pink on long stems. Fine for cutting.....	1.80	15.00	----
Libelle. Beautiful aster purple.....	.85	7.00	60.00

DECORATIVES

Alma Alexander. Exotic, oriental Red. Unusual.....	1.40	12.00	----
Avalon. Beautiful clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia.....	1.00	8.00	60.00
Blue Jersey. Orchid lavender sport of Jersey Beauty with all the parent's fine qualities. A leading commercial Dahlia.....	1.40	12.00	----
Charlotte Alexander. White with vein of purple at tips.....	1.40	12.00	----
Cavalcade. Mulberry rose. A fine cut flower.....	1.80	15.00	----
Daddy Butler. Rose red with white on reverse of petals which twists and show to the face of the bloom.....	1.20	10.00	----
Fort Monmouth. Rich crimson maroon shading to bluish violet. Very large and fine.....	1.80	15.00	----
Francis Larocco. The standard and most popular commercial yellow. Profuse bloomer.....	.80	7.00	----
Gallant Fox. A commercial red highly regarded by many growers. Medium size flowers of velvety red. Heavy stem. Good keeper.....	1.20	10.00	----
Golden Eclipse. A medium sized, golden-yellow with tint of salmon at center. Has very long stems and good habit. Good cut flower.....	1.00	8.00	----
Gertrude Britton. A low growing spectrum red on perfect stem. Must be topped out early for good cut flowers. Highly recommended.....	1.00	8.00	----
Hunts Velvet Wonder. Deep rosy magenta, blending into a true purple. A large, beautiful Dahlia with good stems.....	1.40	12.00	----
Imp. Larocco. An improvement of Francis Larocco. Flowers of a deeper yellow and of better keeping quality.....	1.00	8.00	----
James Kerby. A new large red that will bring top prices for cut blooms. Fine form and good stem.....	1.40	12.00	----

SPRING BULBS—Continued

DAHLIAS, DECORATIVE—Continued

	Per 10	Per 100	Per 1000
Jane Cowl. Large, shaggy flower of coppery-yellow. Fine tall grower. Still considered by many as the most beautiful of all Dahlias.....	\$ 0.80	\$ 7.00	\$ 60.00
Jaurice. A giant purple crimson with fine long stems. Free flowering. A wonderful cut flower.....	1.20	10.00	-----
Jean Kerr. Pure white. The flowers are small, but many are produced on each plant. A good keeper and fine for floral work. Early, vigorous and insect resisting.....	1.20	10.00	-----
Jersey Beacon. Chinese red with lighter shadings on reverse side which give a beautiful two-tone effect. Large flowers.....	1.20	10.00	-----
Jersey Beauty. This fine pink variety is still the most popular of all. Very profuse bloomer.....	.80	7.00	60.00
Judge A. B. Parker. Copper salmon tinged with gold. One that is always in bloom.....	.80	7.00	60.00
LaTorreador. Vivid dashing red, profuse bloomer. Medium size, flat flower. Strong stem of medium length. One of the leading commercial red varieties.....	.80	7.00	60.00
Lida. Large yellow. Must be seen to be appreciated.....	1.00	8.00	-----
Margaret W. Wilson. Opalescent pink. Euge flowers of exhibition type.....	1.00	8.00	70.00
Margrace. Brilliant scarlet, tipped and striped with gold. A very large flower on strong, stiff stems. Heavy foliage.....	4.00	35.00	-----
Marshall's Pink. Large globular flower of bright pink with silver sheen. Somewhat soft for early season commercial use but a beauty in the garden. Similar to Jersey's Beauty, but thicker bloom and larger.....	1.20	10.00	-----
Mrs. A. E. Wheeler. Dark violet purple. Not well known as yet, but rapidly becoming very popular. Finest of the royal purple group.....	1.20	10.00	80.00
Mrs. George LeBoutillier. Rich velvety carmine. Giant flowers on strong stems. A good bet for a leader among commercial reds.....	1.20	10.00	80.00
Mrs. I. de Ver Warner. Orchid pink with very large flower. Well known and very popular.....	.80	7.00	60.00
Nanquaket. Amaranth-pink. Large and one of the best known.....	1.80	15.00	-----
Oriental Glory. Cadmium orange overlaid with scarlet. Good stems and very free blooming. Winner of many prizes at various shows.....	1.80	15.00	-----
Paramount. Soft golden yellow. Perfect in growth and color.....	1.00	8.00	-----
Polar Bear. Pure white, large flower.....	1.00	8.00	-----
Pride of California. An old crimson variety, still well liked.....	1.00	8.00	-----
Pride of Stratford. Orange shading to orange-yellow at base of petals. An exhibition variety, very attractive. A good cut flower.....	1.00	8.00	-----
Red Jersey Beauty. Bright red and similar in shape to Jersey Beauty.....	1.20	10.00	80.00
Robert Scott. Apricot yellow. Long stems. Fine for cutting.....	1.00	8.00	-----
Rose Glory. Large rose pink, extremely free blooming. Popular.....	.80	7.00	60.00
Sagamore. Amber gold, faint tint of pink. A good cut flower. An unusual combination.....	1.20	10.00	-----
Salmon Supreme. Salmon orange with shades of pink. Large blooms held well above foliage.....	1.00	8.00	-----
Sanhicans Bluebird. Beautiful large long stemmed Dhalia. The color is nearly blue.....	1.00	8.00	-----
Sanhicans Queen. Large, apricot and carmine rose.....	1.40	12.00	-----
Sir Lancelot. Garnet rose shading to purple. Vigorous grower with many flowers on strong bush.....	1.00	8.00	-----
Son of Commodore. Large deep yellow ragged edged flowers.....	1.40	12.00	-----
Sultan of Hillcrest. Huge blooms of lemon yellow with reverse of rosy-pink. Fine stems. Unique form with petals recurving to the stem. Well recommended as a commercial possibility and of proved value in the garden.....	1.40	12.00	100.00
The Commodore. Clear yellow blooms of a large size.....	1.00	8.00	60.00
Venus. Cream white, tinted lavender. Good in combination work.....	1.20	10.00	-----
Watchung Giant. Deep amber yellow. Suffused orange carmine, with dark green foliage.....	1.40	12.00	-----

SPRING BULBS—Continued

DAHLIAS, DECORATIVE—Continued

Per 10 Per 100 Per 1000

White King. The leading pure white with commercial growers. The flowers are of perfect form and the right size for cut flower use. Full centered.	\$ 0.95	\$ 8.00	\$ -----
Yellow Colossal. A gigantic flower, nine inches and more in diameter, of beautiful lemon yellow. Strong stems carry the flower erect above the foliage. A remarkable show bloom. ....	.80	7.00	60.00
Decorative Mixed .....	.60	5.00	45.00

DAHLIAS, POM POM.

Amber Queen. Beautiful shade of rich amber. ....	.70	6.00	-----
Baby Royal. Salmon pink with gold shadings. A beautiful little flower and very popular. One of the best.	1.20	10.00	-----
Bobby. Very finely formed flowers of combination wine and purple red. ....	.80	7.00	-----
Cardinal. Fiery-scarlet blooms on a vigorous bush.	1.00	8.00	-----
Catherine. A good deep yellow. ....	.80	7.00	-----
Golden Beauty. Deep rich yellow. ....	.95	8.00	-----
Indian Chief. Wine red with white tips. ....	.70	6.00	-----
Spy. Orange scarlet. Fine for cutting. ....	.80	7.00	-----
Thorbie. Pleasing lavender tips on light yellow base.	1.00	8.00	-----

DAHLIAS, SHOW.

Bonnie Blue. Bluish shading to lavender. Lovely coloring. ....	.70	6.00	-----
Bronze Beauty. Orange to bronze yellow, long stem and upright. Outstanding. ....	.70	6.00	-----
M. D. Hallock. Bright yellow tipped bronze. ....	.70	6.00	-----
Robert Broomfield. Pure white. Effective in combinations. ....	.80	7.00	-----
Stradella. Purple. Large flower. ....	.70	6.00	-----

DAHLIAS, COLLARETTE.

Coltness Hybrids. Open centered flowers with only one row or row florets with the addition of one or more rows of petaloids, usually of a different color, forming a collar around the disc. ....	.60	5.00	-----
Coltness Hybrids. Scarlet. ....	.70	6.00	-----
" " White. ....	.70	6.00	-----
" " Yellow. ....	.70	6.00	-----

GLADIOLUS

A wide selection of the better varieties, at attractive prices. All Shenandoah grown, treated, carefully handled, liberally graded, and guaranteed true to name. We are listing only Grades 1 and 2 but we can quote on smaller grades, in all varieties.

Prices quoted are "per 100." On orders for 300, or more, of the same variety, deduct 10%. If you are in the market for a quantity of Bulbs in these, or any other varieties, please send us your Want List.

	Price per 100 bulbs	
	No. 1	No. 2
	1½" up	1¼-1½"
RED AND SCARLET SHADES.		
Aflame. Large, brilliant, clear flame color.	\$ 1.25	\$ 1.00
Bill Snowden. Ruffled, deep blood red.	1.25	1.00
Commander Koehl. Large, clear, blood red. Best red for exhibition or cut flowers.	1.75	1.50
Dr. Bennett. Fiery scarlet, throat lined white. Standard commercial scarlet.	1.25	1.00
Flaming Sword. Deep red, and early.	1.00	.80
Morocco. Darkest of the very dark reds.	1.50	1.25
Red Phipps. Unusual shade of light red. Favorite commercial cut flower.	1.50	1.25
Totem. Excellent commercial cut flower, tall, salmon-scarlet.	1.75	1.40
Vagabond Prince. Iridescent garnet-brown with scarlet blotch. 8 to 10 open on tall, strong spikes. Very new and extra fine.	2.50	2.00
Vermilion. Rich vermilion-scarlet with white blotch.	1.25	1.00

SPRING BULBS—Continued

GLADIOLUS—Continued

Price per 100 bulbs
No. 1 No. 2
1½" up 1¼-1½"

PINK AND ROSE SHADES.

Bagdad. Immense blooms of smoky old gold	\$ 1.25	\$ 1.00
Break O'Day. Early soft pale pink	1.00	.80
Debonair. LaFrance Pink, creamy blotch. Excellent cut flower	1.35	1.15
Duna. A very good smoky pink buff	1.00	.80
Giant Nymph. Tall straight rose pink spikes. Excellent commercial sort .....	.90	.75
Gloriana. Rich salmon rose, golden yellow throat	1.25	1.00
Los Angeles. LaFrance Pink. Very popular	1.00	.80
Mrs. W. H. Phipps. Glowing pink to rose salmon. Many flowers open. Known as "The Wonder Glad"	1.50	1.25
Picardy. Delicate flesh pink	1.00	.80
Pride of Wanakah. Large, tall, deep rose	1.25	1.00
Queen Helen. Light rose with cream blotch	1.50	1.25

ORANGE AND YELLOW SHADES.

Apricot Glow. (New), Beautiful, clear, soft apricot, long stems	1.00	.80
Betty Nuthall. Orange pink. Late bloomer. Much talked of and very desirable.	1.00	.80
Gold Eagle. The best early yellow	1.25	1.10
Golden Dream. Deep golden yellow	1.00	.80
Orange Queen. An early bloomer, good grower, copper orange in color	1.00	.80
Primrose Princess. Tall spikes of primrose yellow	1.00	.80
Spirit of St. Louis. Dull orange; throat dotted red	1.25	1.00

LAVENDER, VIOLET AND BLUE SHADES.

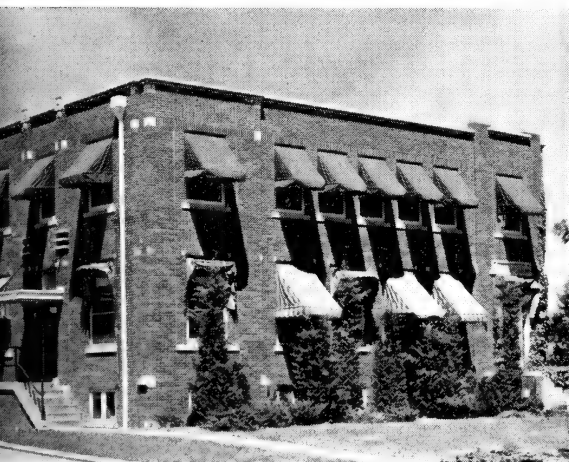
Aida. Large, striking dark blue with two small red lilac blotches. Free blooming cut flower	1.60	1.30
Berty Snow. One of the best commercial lavenders. Has good substance	1.00	.80
Charles Dickens. Clear red-violet, with deeper velvety blotch on lower petals ..	1.50	1.25
King Arthur. Exhibition blooms of deep rose-lavender, heavily ruffled. Outstanding in any planting	1.50	1.25
Marmora. Giant spikes of greyish lavender	1.25	1.00
Minuet. Best clear lavender for any purpose	1.60	1.30
Mother Machree. Soft smoky lavender with apricot-orange. Outstanding	1.75	1.40
Mrs. Von Konynenberg. Aniline-blue. Tall	1.25	1.00
Queen of Bremen. Attractive light lavender rose	1.00	.80
Salbach's Orchid. Best, vivid orchid-pink	1.50	1.25
Veilchenblau. Lovely violet blue, dark pansy-like blotches	1.35	1.15

WHITE SHADES.

Albatross. Best pure white cut flower	1.50	1.25
Carmen Sylvia. Pure snow white throat, penciled lilac	1.00	.80
Maid of Orleans. Milky-white, cream throat	1.60	1.30
Tiffany. Very large, fine white	1.00	.80

MIXED GLADIOLUS. An unusually fine assortment of good varieties in the full range of Gladiolus shades. We guarantee a proper proportion of all shades listed above.

.85 .70



New Office Building. Erected fall 1938.



A Section of the Order Department.

SPRING BULBS—Continued
MISCELLANEOUS SPRING BULBS

AMARYLLIS.

These popular bulbs will bear blooms of immense proportion, of excellent form, with a brilliancy and range of color. We offer selected strains, California grown bulbs, 2½ to 3 inches.

	Per 10	Per 100	Per 1000
Scarlet	\$ 3.50	\$30.00	\$
Red	3.50	30.00	.....
Variegated, white with pink stripes	3.50	30.00	.....

BEGONIAS, TUBEROUS ROOTED. These bulbs are assuming their old popularity. In addition to making a very fine pot plant, they are beautiful for outdoor bedding in shaded locations.

Bright red. 1¼ to 1½ inch diameter	1.00	8.00	.....
Carnation Pink. 1¼ to 1½ inch diameter	1.00	8.00	.....
Crimson dark red. 1¼ to 1½ inch diameter	1.00	8.00	.....
Pink. 1¼ to 1½ inch diameter	1.00	8.00	.....
Orange. 1¼ to 1½ inch diameter	1.00	8.00	.....
White. 1¼ to 1½ inch diameter	1.00	8.00	.....
Yellow. 1¼ to 1½ inch diameter	1.00	8.00	.....

CALADIUM.

Esculentum. 7 to 9 inches .....	.45	4.00	35.00
6 to 7 inches .....	.35	3.00	27.00

Fancy Leaved. (RG). These colorful plants have grown very popular the last few years. The leaves are spotted and veined with brilliant markings. Sometimes called Picture-leaved Caladiums. Mixed. 1½ to 2 inches

1.40 12.00

CALLA LILY.

Elliottiana. Yellow. 2 to 2½ inches	1.20	10.00
--	------	-------	-------

CINNAMON VINE. (Chinese Sweet Potato).

Tuberous rooted plants producing multitudes of waxy, heart-shaped leaves. Excellent for trellis work

.70 6.00

GLORIOSA SUPERBA ROTHSCILDIANA, Climbing Lily.

A splendid low climber, 5 to 6 feet high, producing lily-like flowers through out summer and autumn, which open a bright yellow and red, changing to deep scarlet.

Strong Tubers	3.50	30.00
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MADERIA VINE

A tuberous bulb producing a multitude of viny growth, a very prolific grower.

.35 3.00 25.00

TUBEROSES (RG).

Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size

.28 2.40 20.00

BOXING CHARGES

30x30x12	\$5.25	24x24x10	\$3.75	20x20x8	\$2.85
30x30x10	4.50	24x24x8	3.25	20x20x6	2.25
30x30x8	3.75	24x24x6	2.75	16x16x10	2.65
30x30x6	3.25	20x20x12	3.75	16x16x8	2.15
24x24x12	4.50	20x20x10	3.15	16x16x6	2.00

CORRUGATED BOXES

48x20x20	\$1.00	36x14x6	\$0.45	16x12x6	\$0.30
48x16x16 .....	.85	30x8x8 .....	.35	14x9x9 .....	.25
36x15x15 .....	.60	24x8x8 .....	.30	11x8x6 .....	.20

BALES will be charged at actual cost.



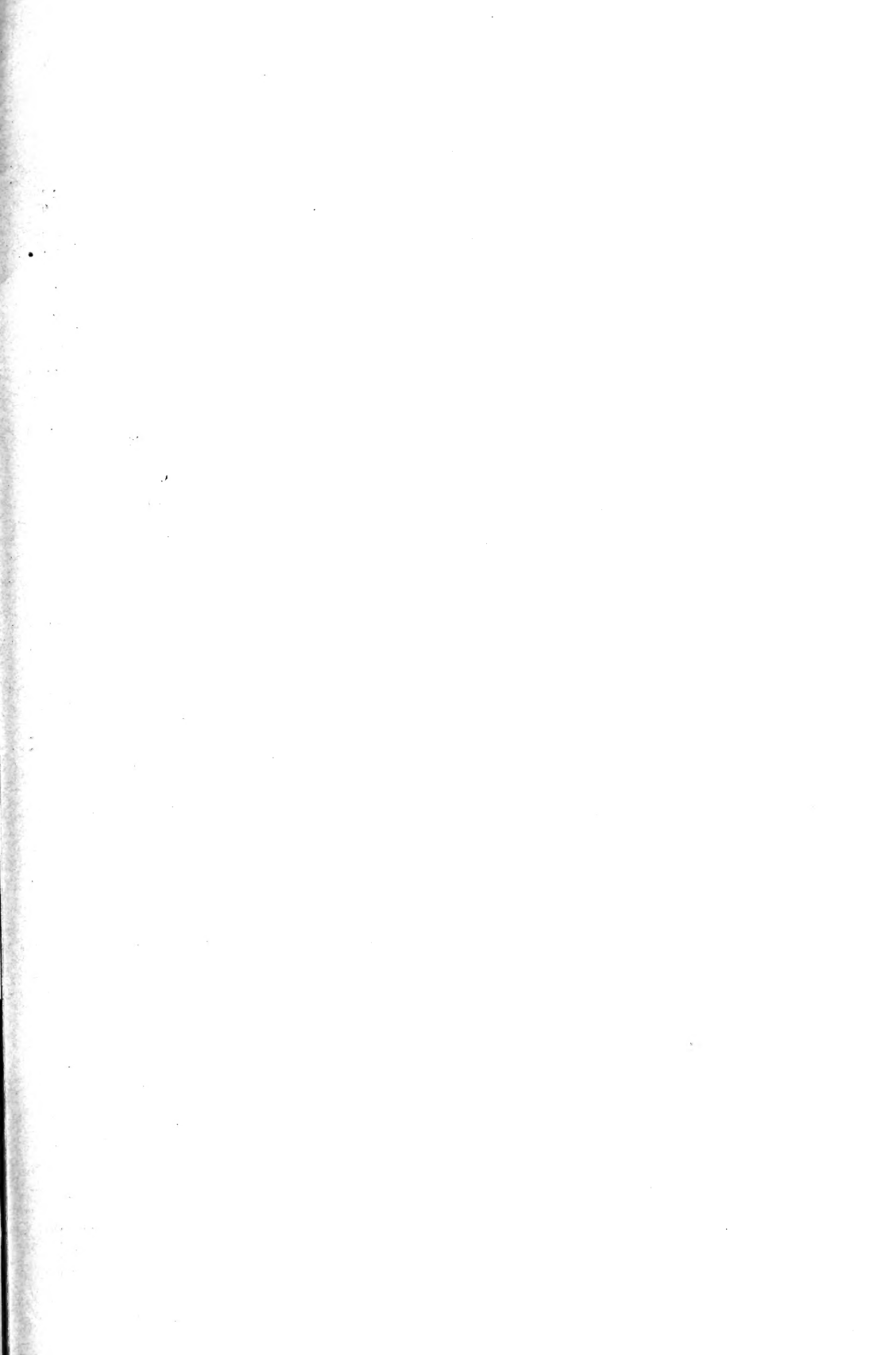
RUSH TO

"One of America's Foremost Nurseries"

MOUNT ARBOR NURSERIES
SHENANDOAH, IOWA

E.S. Welch PRES.





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Callicarpa	30	Iris	80-81	" Misc.	62-63-64
Calycanthus	30	J		" Rugosa	62-63-64
Campanula	75	Japan Quince	32	" Patented	67-68-69-70
Cannas	89-90	Japanese Flowering Cherry	14	" Stocks	12
Caragana	12-30-47	Juneberries	27	Russian Olive	14-24-33
Catalpa	13-16	Junipers	51-54-55-56	S	
Celastrus	48-49	K		Salix	14-26
Cephalanthus	31	Kentucky Coffeetree	19	Shrubs	27-46
Cherries	5	Kerria Japonica	36	Silver Lace Vines	50
Cherry Seedlings	11	Kolkwitzia	36	Small Fruits	8-9-10
Chestnut	16	L		Snowball	46
Chrysanthemums	76-77	Larch	54	Snowberry	44
Chionanthus	31	Lespedeza	36	Sorbaria	42
Clematis	49	Lilac	36-37-38	Spiraea	42-43-44-47
Clethra	31	Linden	19-20	Spruce	55-56
Cloverset Pots	70	Locust Black	13-20	Strawberries	10
Cornus	31-32	Locust Honey	13-19	Sumac	41-42
Corylus	32	Lupines	81	Sycamore	24
Cotoneaster	32	Lilies	88-89	Symphoricarpos	44
Crab, Flowering	16-17	Lily of the Valley	81	Syringa (Mock Orange)	38-39
Crataegus	14-24-25	M		T	
Currants	9	Mahaleb Seedlings	11	Tamarix	44-45
Cydonia Japonica	32	Maple	13-20-21	Thorn	14-24-25
D		Matrimony Vine	49	Tritoma	87
Dahlias	90-91-92	Mazzard Seedlings	11	Trumpet Vine	48
Daphne	32	Mountain Ash	13	Tuberoses	94
Deciduous Trees	15-26	Mulberries	8 13-21	Tulip Tree	26
Deciduous Tree Seedlings	12-13-14	N		V	
Delphinium	77-78	Nectarine	8	Viburnum	45-46
Desmodium	36	Ninebark	40	Vines	48-49-50
Deutzia	32-33	O		Viola	87
Dewberries	10	Oak	14-21-22	Virginia Creeper	48
Dianthus	78	Osage Orange	14	Vitex	46
Dicentra	78	P		W	
Digitalis	78	Peach	7	Walnut	14-26
Dogwood	31-32	Peach Pits	10	Weigela	46
		Peach Seedlings	11	Willow	14-26
				Wisteria	50
				Y	
				Youngberry	10
				Yucca	87